Gov. Doc Mydrography a hiap Evise

WATER LEVELS BULLETIN for the

GREAT LAKES AND MONTREAL HARBOUR St. Laurence River.



INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE



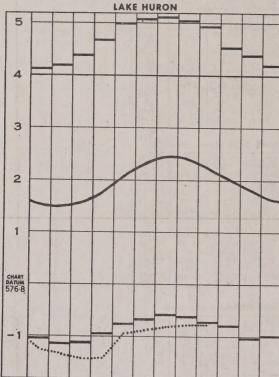
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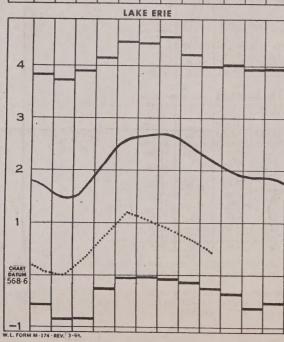
3 1761 11412					19	64							APHIC SERVICE D TECHNICAL SURVEYS
3 1761 114120	1					LAKE SU	PERIOR	(at Port A	thur)				
AAPAN COD AADAMA	JAN,	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH HIGH LEVEL FOR MONTH	599.86	599.67	599.48	599.52	600.20	600.57	600.77	600.83	600.95				
Day and Hour	1-0739	6-1007	2-0454	21-1339	23-2117	26-1026	20-0500		26-1912				
LOW LEVEL FOR MONTH	599.34	599.21 23-0322	599.00	598.95	599.18	599.71	600.22	600.30	600.31				
HIGHEST DAILY MEAN	600.05	599.84	599.68	7-0903	6-1803	600.84	6-1220	600.98	601.17				
Day	1	3	13	300	29	29	20	28	26				
LOWEST DAILY MEAN	599.70	599.49	599.30	599.24	599.82	600.37	600.66	600.69	600.81				
Last year's mean for month	599.74	599.60	26 599•55	599.76	600.00	600 24	13	600 60	27				
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	600.34	600.52	600,58	600.64				
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869				
Min, mean for month since 1860	598.66	598.48 1926	598.40 1926	598.33	598.46 1926	598.79	599.14	599.33	599.62				
Year Mean for month-last 10 years	600.08	599.79	599.67	1926	600.20	600.42	1926	1926	1926				
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45	600.74	600.96		601.08	-			
The land of the land													
	FOR EX		FRE 20	1 222 30	404.04		IURON						
HIGH LEVEL FOR MONTH	575.56	575.49 576.16	575.39	575.39	575.85	575.91	575.98		576.01				
Day and Hour	10-1932	23-2350	17-1625	15-0643	576.77 24-1930	10-0725	576.72 29-0230		576.89 27/1605				
LOW LEVEL FOR MONTH	574.36	574.80	574442	574.57 21-1346	575.18	575.36	575.49	575.41	575.35 26/2235				
Day and Hour	25-0152	25-0622	17-0622		9-0254	26-1133	14-0820		26/2235				
HIGHEST DAILY MEAN Day	576.15	575.77	575.72	575.68	576,10	576.16	576.29	576.39	576.41				
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575.53	575.69	575.78	575.69	575.66				
Day	24	29	24	13	6	9	14	22	19				
Last year's mean for month	576,46	576.27 580.98	576.25 581.17	576.54	576.77	576.89	576.90	576.89	576.64				
Max. mean for month since 1860	1886	1886	1886	581.46 1886	581.79	581.88 1886	1876	1876	581.73		19		
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08				
Year	1934	1994	1934	1934	1934	1934	1934	1934	1934				
Mean for month-last 10 years Mean for month-since 1860	577.30 578.31	577.20 578.27	577.17 578.33	577.32 578.54	578.85	577.80	577.90	577.85	577.69				
	710074	210021	210.22	2(0.)4	3/0.05	579.09	579.22	579.17	578.99				
						LAKE	RIE (at Po	art Colborne	a)				
MEAN FOR MONTH	568,71	568.61	568.91	569.35	569.70	569.65	569.49	569.29	569.04		1		
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94	570.88	570.63	570.58	571.26			-	
Day and Hour	10-0617	24-0409	5-1609	8-1720	9-1124	24-1411	13-0515	12-0500	24-0912				
LOW LEVEL FOR MONTH	565.63 13-0248	567.63	564.22 10-1100	568.32 20-0237	568.74 13-2039	568.87 16-0259	568.44 12-1600	568.18	567.98 15-0522				
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29	569.95		21-1353 569.82	570.02			-	
Day	10	8	26	8	9	24	569.74 13	12	24				
LOWEST DAILY MEAN	566.69	568,12	567.47	568.77	569.39	569.43	568.98	568.97	568.63			-	
Last year's mean for month	569.47	568.98	569.26	569.91	31 570.01	569.99	569.78	27	15				
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58			-	
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861				
Min, mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35				
Year Mean for month-last 10 years	1935 569.88	1935 569.58	1934 569.89	1935	1934	1934	1934 570.72	1934	1934 570.24				
Mean for month-since 1860	570.31	570.08	570.24	570.76	571.08	571.26	571.27	570.54	570.77				
				1179			Transition.						
						LAKE O	NTARIO		n)				
MEAN FOR MONTH '	242.88	242.35	242.35	243.13	244.03	244.45	244.48	244.13	243.67				
HIGH LEVEL FOR MONTH	243.72	242.88	243.22 26-1830	243.69	244.77	245.09	244.74	244.72	244.20				
LOW LEVEL FOR MONTH	242.25	241.92	241.36	242.35	243.47	243.98	244.09	243.74	5/0046 243.13				
Day and Hour	24-1121	29-0525	10-0951	2-1740	1-0050	16-0127	12-0848		30-2353				
HIGHEST DAILY MEAN	2/3.35	242.70	242.78	243.55	244.42	244.54	244.60	244 -33	244.03				
Day	2/2 53	2/2 00	241.89	30	243.60	26	244.35	243.94	2/13 27				
COWEST DAILY MEAN	242.53	242.09 29	10	242.62	1	1	31	21	243.27				
Last year's mean for month	243.92	243.39	243.27	244.43	245.31	245.72	245.63	245.45	244.81				
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95				
Year	1886	1886	1952	1952	1952	1952	1947	1947	1947				
Min. mean for month since 1860	241.73 1935	241.63 1936	1935	242.42 1935	242.72 1935	242.97 1935	242.80 1934	1934	1934				
Wean for month-tast 10 years	243.83	243.68	243.93	244.72	245.31	245.47	245.27	244.88	244.45				
Mean for month-since 1860	244.19	244.24	244.50		245.52	245.67		245.27	244.86				
		- 17			Ter.					'			
						REAL HA							
MEAN FOR MONTH	27.45	21.51	20.46	19.46	18.36	17.79	17.66	17.45	17.26				
HIGH LEVEL FOR MONTH	32.89 15-1833	23.54	23.05	21.20 18-1600	1-0215	18.63	18.59	18.12	17.96				
LOW LEVEL FOR MONTH	22.20	20.33	18.57	16.60	17.56	17.04	16.88	2-0847	16.62	-			
Day and Hour	27-0450	10-0513	30_1259	6-1816	26-1715	24-1440	21-1121	4-1243	15-1546				1
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87	18.15	18.24	17.84	17054				- /
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78	17.42	17.07	17.09	16.90				
Day	27	25	30	6	26	30	21	17.09	15				
Last year's mean for month	33.51	30.80	23,64	22.40	19.09	17.91	17.63	17.89	18.16				
Max. mean for month since 1860	40.14	38.66	37.12	28.84 1887	32.79 1876	29.73	26.87	25.39	25.38 1869				
Min. mean for month since 1860	1886 21.25	1890 21.61	1890 23.08	20.78	19.09	17.91	17.63	18.61	17.22				
Year	1932	1935	1962	1931	1963	1963	1963	1934	1934				
Mean for month-tast 10 years	30.13	30.39	25.51	23.66	21.66	20,35	20.02	19.35	19.07				
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79	24.06	22.53	21.56	20.98	0.07			
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR IGLD (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 1 CHART DATUM 600-0 -1



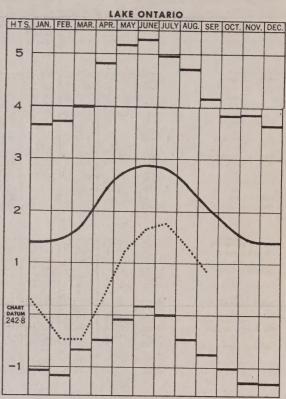


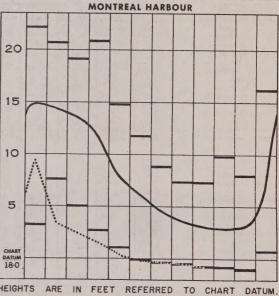


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





DATUM.

MONTHLY MEAN LEVELS

RECORDED IN PRESENT YEAR AVERAGE OF ALL RECORDS MAXIMUM FOR ALL RECORDS MINIMUM FOR ALL RECORDS Gov. Doc Comeda. Mychographic a map Service



INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

WATER LEVELS BULLETIN for the GREAT LAKES AND (MONTREAL HARBOUR) St. Lagrence River.

1964

						LAKE SU	PERIOR	(at Port Art	nur)				
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67 600.11	599.48	599.52	600.20	600.57	600.77	600.83	600.95	600.87			
HIGH LEVEL FOR MONTH	600.37		599.95	600.18	601.44	601.74	601.31	601.69	601.83	601.45			
Day and Hour	1-0739	6-1.007	2-0454	21-1339	23-2117	26-1026	20-0500	2-1359	26-1912	3/1455			
LOW LEVEL FOR MONTH	599.34	599.21	599.00	598.95	599.18	599.71	600.22	600.30	600.31	600.34			
Day and Hour	21-0912	23-0322	24-2127	7-0903	6-1803	26-0858	6-1220	2-2350	27/0810	4/0118			
HIGHEST DAILY MEAN	600.05	599.84	599.68	599,78	600.42	600.84	600.87	600.98	601.17	600.13			
Day	1.	3	13	30	29	29	20	28	26	1			
LOWEST DAILY MEAN	599.70	599.49	599.30	599.24	599.82	600.37	600.66	600.69	600.81	600.71			
Day	26	23	26	7	1	3	13	8	27	28			
Last year's mean for month	599.74	599.60	599.55	599.76	600.00	600.34	600.52	600.58	600.64	600.54			
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94			
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916			
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57			
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925			
Mean for month-last 10 years	600.08	599.79	599.67	599.73	600.20	600.42	600.64	600.70	600.79	600.71			
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45	600.74	600.96	601.04	601.08	601,00			
						LAKE.H	URON	at Goderich	1)				
MEAN FOR MONTH	575.56	575.49	575-39	575.39	575.85	575.91	575.98	576.02	576.01	575.84			
HIGH LEVEL FOR MONTH	576.49	576.16	576.59	576.08	576.77	576.69	576.72	576.62	576.89	576.95			
Day and Hour	10-1932	23-2350	17-1625	15-0643	24-1930	10-0725	29-0230	8-0900	27/1605	4/1008			
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18	575.36	575.49	575.41	575.35	575.21			
/ Day and Hour	25-0152	25-0622	17-0622	21-1346	9-0254	26-1133	14-0820		26/2235	575.21			
HIGHEST DAILY MEAN	576.15	575.77	575.72	575.68	576.10	576.16	576.29	576.39	576.41	576.50			
Day	10	8	18	23	20	24	29	8	27	4			
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575.53	575.69	575.78	575.69	575.66	575.50			
Day	24	29	24	13	6	9	14	22	19	8			
Last year's mean for month	576.46	576.27	576.25	576.54	576.77	576,89	576.90	576.89	576.64	576.41			
Max, mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73	581.33			
Year	1886	1886	1886	1886	1886	1886	1876	1876	1876	1876			
Min. mean for month since 1860	575.76	575.66	575.69 1934	575.85	576.04 1934	576.13	576.22	576.18	576.08 1934	576.01			
Year	1934	1934		1934			1934	1934		1934			
Year Meän for month-last 10 years Mean for month-since 1860	577.30 578.31	577.20 578.27	577.17	577.32	577.64	577.80	577.90	577.85	577.69	577.45			

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70	569.65	569.49	569.29	569.04	568.66		
HIGH LEVEL FOR MONTH	572.25	570.12	573.27	570.96	571.94	570.88	570.63	570.58	571.26	571.13		
Day and Hour	10-0617	24-0409	5-1609	8-1720	9-1124	24-1411	13-0515	12-0500	24-0912	21/1920		
LOW LEVEL FOR MONTH	565.63	567.63	564.22	568.32	568.74	568.87	568.44	568.18	567.98	567.16		
Day and Hour	13-0248	6-1817	10-1100	20-0237	13-2039	16-0259	12-1600	21-1353	15-0522	29/1343		
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29	569.95	569.74	569.82	570.02	569,42		
Day	10	8	26	8	9	24	13	12	24	9		
LOWEST DAILY MEAN	566.69	568.12	567.47	568.77	569.39	569.43	568.98	568.97	568.63	568,23		
Day	12	6	10	5	31	. 5	12	27	15	31		
Last year's mean for month	569.47	568,98	569.26	569.91	570.01	569.99	569.78	569.62	569.21	569.00		
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63		
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861		
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24		
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934		
Mean for month-last 10 years	569.88	569.58	569.89	570.39	570.69	570.77	570.72	570.54	570.24	569.95		
Mean for month-since 1860	570.31	570.08	570.24	570.76	571.08	571.26	571.27	571.04	570.77	570.55		
								J. 1 - 1 - 1 - 1				

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	242.88	242.35	242.35	243.13	244.03	244.45	244.48	244.13	243.67	242.96		
HIGH LEVEL FOR MONTH	243.72	242.88	243.22	243.69	244.77	245.09	244.74	244.72	244.20	243.84 2/2025		
Day and Hour	10-0940		26-1830	22-1704	27-0001	23-2039	15-0254		5/0046			
LOW LEVEL FOR MONTH	242.25	241.92	241.36	242.35	243.47	243.98	244.09	243.74	243.13	242.40		
Day and Hour	24-1121	29-0525		2-1740	1-0050	16-0127		21-1735	30-2353	29/1250		
HIGHEST DAILY MEAN	243.35	242.70	242.78	243.55	244.42	244.54	244.60	244 -33	244.03	243.42		
Day	2	4	27	30	27	26	15	1	4	4		
COWEST DAILY MEAN	242.53	242.09	2/1.89	242.62	243.60	244.34	244.35	243.94	243.27	242.55		
Day	24	29	10	2	1	1	31	21	30	. 31	1	
Last year's mean for month	243,92	243.39	243.27	244.43	245.31	245.72	245.63	245.45	244.81	244.13		
Max, mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64		
Year	1866	1886	1952	1952	1952	1952	1947	1947	1947	1861		
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79		
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934		
Mean for month-last 10 years	243.83	243.68	243.93	244.72	245.31	245.47	245.27	244.98	244.45	244.02		
Mean for month-since 1860	244.19	244.24	244.50	245.11	245.52	245.67	245.59	245.27	244.86	244.49		
	1					-				1		1

MONTREAL HARBOUR (at King Edward Pier)

								100000					
MEAN FOR MONTH	27.45	21.51	20.46	19.46	18.36	17.79	17.66	17.45	17.26	17.32			
HIGH LEVEL FOR MONTH	32.89	23.54		21.20	20.13	18.63	18.59	18.12	17.96	18.09			
Day and Hour	15-1833	1-0001	11-0419	18-1600	1-0215	12-0039	11-2117	2-0847		24/0744			
LOW LEVEL FOR MONTH	22,20	20.33	18.57	16.60	17.56	17.04	16.88	16.89	16.62	16.75			
Day and Hour	27-0450	10-0513	30_1259	6-1816	26-1715	24-1440	21-1121	4-1243	15-1546	13/0807			
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87	18.15	18.24	17.84	17:54	17.80			
Day	15	1	11	18	1	11	11	23	10	22			
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78	17.42	17.07	17.09	16.90	17.00			
Day	27	25	30	6	26	30	21	4	15	6			
Last year's mean for month	33.51	30.80	23.64	22.40	19.09	17.91	17.63	17.89	18.16	17.84			
Max. mean for month since 1860	40.14	38.66	37.12	38.84 1887	32.79	29.73	26.87	25.39	25.38	25.82			
Year	1886	1890	1890		1876	1876	1861	18 61	1869	1861			
Min. mean for month since 1860	21.25	21.61	23.08	20.78	19.09	17.91	17.63	17.51	17.22	17.21			
Year	1932	1935	1962	1931	1963	1963	1963	1934	1934	1934			
Mean for month last 10 years	30.13	30.39	25.51	23.66	21.66	20.35	20.02	19.35	19.07	18.81			
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79	24.06	22.53	21.56	20.98	20.85			
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR IGLD (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

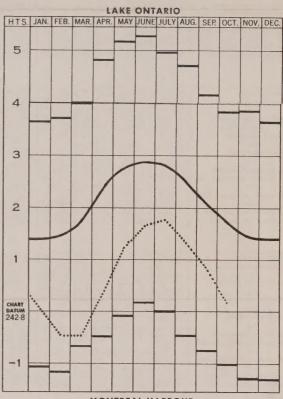
LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 1 CHART DATUM 600-0 LAKE HURON 5 4 3 2 1 CHART DATUM 576-8 -1 LAKE ERIE 4 3 2

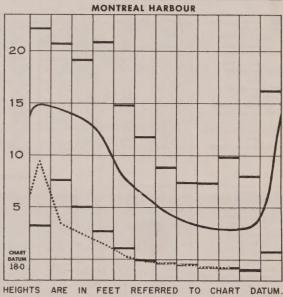


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





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MONTHLY MEAN LEVELS

RECORDED IN PRESENT YEAR

AVERAGE OF ALL RECORDS

MAXIMUM FOR ALL RECORDS

MINIMUM FOR ALL RECORDS

Gov. Doc Cameda, Hydrographic a map Service



WATER LEVELS BULLETIN for the

GREAT LAKES AND (MONTREAL HARBOUR) St. Laurence River.

1964

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	599.48	599.52	600.20	600.57	600.77	600.83	600.95	600.87	600.62		-
HIGH LEVEL FOR MONTH	600.37	600.11	599.95	600.18	601.44	601.74	601.31	601.69	601.83	601.45	601.06		
Day and Hour	1-0739	6-1.007	2-0454	21-1339	23-2117	26-1026	20-0500		26-1912	3/1455	12/0715		
LOW LEVEL FOR MONTH	599.34	599.21	599.00	598.95	599.18	599.71	600.22	600.30	600.31	600.34	599.98		
Day and Hour	21-0912	23-0322	24-2127	7-0903	6-1803	26-0858	6-1220	2-2350	27/0810	4/0118	26/0032		
HIGHEST DAILY MEAN	600.05	599.84	599.68	599.78	600.42	600.84	600.87	600.98	601.17	600.13	600.81		
Day	1	3	13	30	29	29	20	28	26	1	2		
LOWEST DAILY MEAN	599.70	599.49	599.30	599.24	599.82	600.37	600.66	600.69	600.81	600.71	600.34		
Day	26	23	26	7	1	3	13	8	27	28	26		
Last year's mean for month	599.74	599.60	599.55	599.76	600.00	600.34	600.52	600.58	600.64	600.54	600.27		
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94	601.85		
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900		
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57	599.24		
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925	1925		
Mean for month-last 10 years	600.08	599.79	599.67	599.73	600.20	600.42	600,64	600.70	600.79	600.71	600.51		
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45	600.74	600.96	601.04	601.08	-601,00	600.82		

LAKE HURON (at Goderich)

MEAN FOR MONTH	575.56	575.49	575.39	575.39	575.85	575.91	575.98	576.02	576.01	575.84	575.68	
The state of the s	576.49	576.16	576.59	576.08	576.77	576.69	576.72	576.62				
HIGH LEVEL FOR MONTH					24-1930	10-0725			576.89	576.95	576.65	
Day and Hour	10-1932	23-2350	17-1625	15-0643			29-0230		27/1605	4/1008	17/2042	
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18	575.36	575.49	575.41	575.35	575.21	574.26	
Day and Hour	25-0152	25-0622	17-0622	21-1346	9-0254	26-1133	14-0820	28-1255	26/2235	8/0037	28/1047	
HIGHEST DAILY MEAN	576.15	575.77	575.72	575.68	576,10	576.16	576.29	576.39	576.41	576.50	576,13	
Day	10	8	18	23	28	24	29	8	27	4	21	
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575.53	575.69	575.78	575-69	575.66	575.50	575.00	
Day	24	29	24	13	6	9	14	22	19	8	28	
Last year's mean for month	576.46	576.27	576.25	576.54	576.77	576.89	576,90	576.89	576.64	576.41	576.22	
Max, mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73	581.33	581.18	
Year	1886	1886	1886	1886	1886	1886	1876	1876	1876	1876	1876	
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13.	576.22	576.18	576.08	576.01	575.77	
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	
Mean for month-last 10 years	577.30	577.20	577.17	577.32	577.64	577.80	577.90	577.85	577.69	577.45	577.28	
Mean for month-since 1860	578.31	578.27	578.33	578.54	578.85	579.09	579,22	579.17	578.99	578.78	578.58	
	100	100	1 1									

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70	569.65	569.49	569.29	569.04	568.66	568.57	
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94	570.88	570.63	570.58	571.26	571.13	573 - 58	
Day and Hour	10-0617	24-0409		8-1720	9-1124	24-1411	13-0515	12-0500	24-0912	21/1920	21/0135	
LOW LEVEL FOR MONTH	565.63	567.63	564.22	568.32	568.74	568.87	568.44	568.18	567.98	567.16	566.98	
Day and Hour	13-0248	6-1817	10-1100	20-0237	13-2039	16-0259	12-1600	21-1353	15-0522	29/1343	27/1945	
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29	569.95	569.74	569.82	570.02	.569.42	570.35	
Day	10	8	26	8	9	24	13	12	24	9	21	
LOWEST DAILY MEAN	566.69	568.12	567.47	568.77	569.39	569.43	568.98	568,97	568.63	568.23	567.95	
Day	12	6	10	5	31	5	12	27	15	31	27	
Last year's mean for month	- 569.47	568.98	569.26	569.91	570.01	569.99	569.78	569.62	569.21	569.00	569.08	
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63	572.64	
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861	1861	
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24	567.97	
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934	
Mean for month-last 10 years	569.88	569.58	569.89	570.39	570.69	570.77	570.72	570.54	570.24	569.95	569.87	
Mean for month-since 1860	570.31	570.08	570.24	570.76	571.08	571.26	571.27	571.04	570.77	570.55	570.45	

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	242.88	242.35	242.35	243.13	244.03	244.45	244.48	244.13	243.67	242.96	242.30	
HIGH LEVEL FOR MONTH	243.72	242.88	243.22	243.69	244.77	245.09	244.74	244.73	244.20	243.84	243.17	
Day and Hour	10-0940	4-0719	26-1830	22-1704	27-0001	23-2039	15-0254		5/0046	2/2029	21/0505	
LOW LEVEL FOR MONTH	242.25	241.92	241.36	242.35	243.47	243.98	244.09	243.74	243.13	242.40	241.70	
Day and Hour	24-1121	29-0525		2-1740	1-0050	16-0127	12-0848		30-2353	29/1250	27/2052	
HIGHEST DAILY MEAN	243.35	242.70	242.78	243.55	244.42	244.54	244.60	244 -33	244.03	243.42	242.57	
Day	2	4	27	30	27	26	15	1	4	4	1	
COWEST DAILY MEAN	242.53	242.09	2/1.89	242.62	243.60	244.34	244.35	243.94	243.27	242.55	241.96	
Day	24	29	10	2	1	1	31	21	30	31	30	
Last year's mean for month	243.92	2/3.39	243.27	244.43	245.31	245.72	245.63	245.45	244.81	244.13	243.61	
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64	246.65	
Year	1866	1886	1952	1952	1952	1952	1947	1947	1947	1861	1861	
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79	241.52	
Year ·	. 1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	
Mean for month-last 10 years	243.83	.243.68	243.93	244.72	245.31	245.47	245.27	244.88	244.45	244.02	243.76	
Mean for month-since 1860	24,.19	244.24	244.50	245.11	245.52	245.67	245.59	245.27	244.86	244.49	244.25	
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MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	27.45	21.51	20.46	19.46	18.36	17.79	17.66	17.45	17.26	17.32	17.09		
HIGH LEVEL FOR MONTH	32.89	23.54	23.05	21,20	20.13	18.63	18.59	18.12	17.96	18.09	18.18		
Day and Hour	15-1833	1-0001	11-0419	18-1600	1-0215	12-0039	11-2117	2-0847	26-0725	24/0744	6/0725		
LOW LEVEL FOR MONTH	22.20	20.33	18.57	16.60	17.56	17.04	16.88	16.89	16.62	16.75	16.16		
Day and Hour	27-0450	10-0511		6-1816	26-1715	24-1440	21-1121	4-1243	15-1546		16/1247		
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87	18.15	18.24	17.84	17.54	17.80	17.58		
Day	15	1	11	18	1	11	11	23		22	6		
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78	17.42	17.07	17.09	16.90	17.00	16.36		
Day	27	25	30	- 6	26	30	21	4	15	6	16		
Last year's mean for month	33.51	30.80	23.64	22.40	19.09	17.91	17.63	17.89	18.16	17.84	18.81		
Max. mean for month since 1860	40.14	38.66	37.12	38.84 1887	32.79	29.73	26.87	25.39	25.38	25.82	26.05		
Year	1886	1890	1890		1876	1876	1861	18.61	1869	1861	1861		
Min. mean for month since 1860	21.25	21.61	23.08	20.78	19.09	17.91	17.63	17.51	17.22	17.21	17.07		1
Year	1932	1935	1962	1931	1963	1963	1963	1934	1934	1934	1934		
Mean for month-last 10 years	30.13	30.39	25.51	23.66	21.66	20.35	20.02	19.35	19.07	18.81	19.01		
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79	24.06	22.53	21.56	20.98	20.85	21.09		
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR IGLD (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12,444 FEET BELOW BENCH MARK 1248-G OR 7,486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

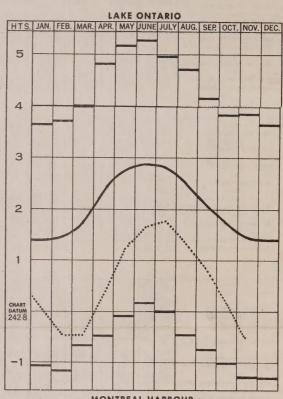
LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 1 DATUM 600-0 -1 LAKE HURON 5 4 3 2 1 CHART DATUM 576-8 LAKE ERIE 3 2 1 CHART DATUM 568-6

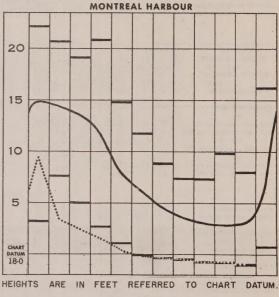


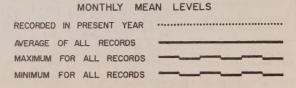
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964







Gov. Dre " Can da ley drographic a lung Service



St. Laurence River.

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INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	599.48	599.52	600.20	600.57	600.77	600.83	600.95	600,87	600.62	600,35	600.31
HIGH LEVEL FOR MONTH	600.37	600.11	599.95	600.18	601.44	601.74	601.31	601.69	601.83	601.45	601.06	601.01	7/
Day and Hour	1-0739	6-1007	2-0454	21-1339	23-2117	26-1026	20-0500		26-1912	3/1455	12/0715	16/0450	
LOW LEVEL FOR MONTH	599.34	599.21	599.00	598.95	599.18	599.71	600.22	600.30	600.31	600.34	599.98	599.77	
Day and Hour	21-0912	23-0322	24-2127	7-0903	6-1803	26-0858	6-1220	2-2350	27/0810	4/0118	26/0032	21/1707	
HIGHEST DAILY MEAN	600.05	599.84	599.68	599.78	600.42	600.84	600.87	600.98	601.17	600,13	600.81	600.52	
Day	1	3	13	30	29	29	20	28	26	i	2	9	
LOWEST DAILY MEAN	599.70	599.49	599.30	599.24	599.82	600.37	600.66	600.69	600.81	600.71	600.34	600.17	
Day	26	23	26	7	1	3	13	8	27	28	26	26	
Last year's mean for month	599.74	599.60	599.55	599.76	600.00	600.34	600.52	600.58	600.64	600.54	600.27	600.06	600.1
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94	601.85	601.47	
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900	1900	
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57	599.24	598.95	
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925	1925	1925	
Mean for month-last 10 years	600.08	599.79	599.67	599.73	600.20	600.42	600.64	600.70	600.79	600.71	600.51	600.27	600.2
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45	600.74	600.96	601.04	601.08	-601.00	600.82	600.56	600.6

LAKE HURON (at Goderich)

Astronomy Astronomy	575.56	575.49	575.39	575+39	575.85	575.91	575.98	576.02	576.01	car al	101 10	474 to 1	101.00
MEAN FOR MONTH										575.84	575.68	575.49	575.72
HIGH LEVEL FOR MONTH	576.49	576.16	576.59	576.08	576.77	576.69	576.72	576.62	576.89	576.95	576.65	576.56	
Day and Hour	10-1932	23-2350	17-1625	15-0643	24-1930	10-0725	29-0230	8-0900	27/1605	4/1008	17/2042	15/0440	
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18	575.36	575.49	575.41	575.35	575.21	574.26	574.54	
Day and Hour	25-0152	25-0622	17-0622	21-1346	9-0254	26-1133	14-0820	28-1255	26/2235	870037	28/1047	29/080	
HIGHEST DAILY MEAN	576.15	575.77	575.72	575.68	576,10	576.16	576.29	576.39	576.41	576.50	576.13	575.96	
Day Day	10	8	18	23	28	24	29	8	27	4	21	15	
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575.53	575.69	575.78	575.69	575.66	575,30	575.00	575.00	
Day	24	29	24	13	6	9	14	22	19	8	28	29	
Last year's mean for month	576.46	576.27	576.25	576.54	576.77	576.89	576.90	576.89	576.64	576,41	576.22	575.92	576.51
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73	581.33	581.18	580.99	
Year Year	1886	1886	1886	1886	1886	1886	1876	1876	1876	1876	1876	1883	
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01	575.77	575.83	
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1933	
Mein for month-last 10 years	577.30	577.20	577.17	577.32	577.64	577.80	577.90	577.85	577.69	577.45	577.28	577,07	577.47
Mean for month-since 1860	578.31	578.27	578.33	578.54	578.85	579.09	579.22	579.17	578.99	578.78	578.58	578.40	578.74
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LAKE ERIE (at Port Colborne)

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MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70	569.65	569.49	569.29	569.04	568.66	568.57	568,40	569.03
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94	570.88	570.63	570.58	571.26	571.13	573.58	570.64	
Day and Hour	10-0617			8-1720	9-1124	24-1411	13-0515	12-0500	24-09I2	21/1920	21/0135	30/2300	
LOW LEVEL FOR MONTH	565.63	567.63	564.22	568.32	568.74	568.87	568.44	568.18	567.98	567.16	566.98	565.74	
Day and Hour	13-0248		10-1100	20-0237	13-2039		12-1600	21-1353	15-0522	29/1343	27/1945	4/1200	
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29	569.95	569.74	569.82	570.02	569,42	570.35	569.52	
Dáy	10	8	26	8	9	24	13	12	24	9	21	14	
LOWEST DAILY MEAN	566.69	568.12	567.47	568.77	569.39	569.43	568.98	568.97	568.63	568,23	567.95	567.04	
Day	12	6	10	5	31	5	12	27	15	31	27	4	
Last year's mean for month	569.47	568.98	569.26	569.91	570.01	569.99	569.78	569.62	569.21	569.00	569.08	568.93	569.44
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63	572.64	572.55	
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861	1861	1861	
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24	567.97	568.07	
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934	1934	
Mean for month-last 10 years	569.88	569.58	569.89	570.39	570.69	570.77	570.72	570.54	570.24	569.95	569.87	569.71	570.20
Mean for month-since 1860	570.31	570.08	570.24	570.76	571.08	571.26	571.27	571.04	570.77	570.55	570.45	570.42	570.71
						The same of the sa					THE R. P. LEWIS CO., LANSING, MICH.		

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	242.88	242.35	242.35	243.13	244.03	244.45	244.48	244.13	243.67	242.96	242.30	241.80	243.21
HIGH LEVEL FOR MONTH	243.72	242.88	243.22	243.69	244.77	245.09	244.74	244.72	244.20	243.84	243.17	242.45	
Day and Hour	10-0940	4-0719	26-1830	22-1704	27-0001	23-2039	15-0254	13-0004	5/0046	2/2029	21/0505	16/2005	
LOW LEVEL FOR MONTH	242.25	241.92	241.36	242.35	243.47	243.98	244.09	243.74	243.13	242.40	241.70	241.21	
Day and Hour	24-1121	29-0525		2-1740	1-0050	16-0127		21-1735	30-2353	29/1250	27/2052	27/1810	
HIGHEST DAILY MEAN	243.35	242.70	242.78	243.55	244.42	244.54	244.60	244 -33	244.03	243.42	242.57	241.96	
Day	2	4	27	30	27	26	15	1	14	4	1	2	
LOWEST DAILY MEAN	242.53	242.09	241.89	242.62	243.60	244.34	244.35	243.94	243.27	242.55	241.96	241.54	
Day	24	29	10	2	1	1	31	21	30	31	30	4	
Last year's mean for month	243.92	243.39	243.27	244.43	245.31	245.72	245.63	245.45	244.81	244.13	243.61	243.34	244.42
Max, mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64	246.65	246.44	
Year	1886	1886	1952	1952	1952	1952	1947	1947	1947	1861	1861	1861	
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79	241.52	241.50	
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	
Mean for month-last 10 years	243.83	243.68	243.93	244.72	245.31	245.47	245.27	244.88	244.45	244.02	243.76	243.58	244.41
Mean for month-since 1860	244.19	211/22/4	244.50	245.11	245.52	245.67	245.59	245.27	244.86	244.49	244.25	244,17	244.84

MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	27.45	21.51	20.46	19.46	18.36	17.79	17.66	17.45	17.26	17.32	17.09	18.12	19.16
HIGH LEVEL FOR MONTH	32.89	23.54	23.05	21.20	20.13	18.63	18.59	18.12	17.96	18.09	18.18	20.28	
Day and Hour	15-1833	1-0001	11-0419	18-1600	1-0215	12-0039	11-2117	2-0847	26-0725	24/0744	6/0725	24/0750	
LOW LEVEL FOR MONTH	22.20	20.33	18.57	16.60	17.56	17.04	16.88	16.89	16.62	16.75	16.16	16.63	
Day and Hour	27-0450	10-0511	30_1259	6-1816	26-1715	24-1440	21-1121	4-1243	15-1546	13/0807	16/1247	2/1818	
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87	18.15	18.24	17.84	17.54	17.80	17.58	20.01	
Day	15	1	11	18	1	11	11	23		22	6	24	
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78	17.42	17.07	17.09	16.90	17.00	16.36	16.82	
Day	27	25	30	6	26	30	21	4	15	6	16	14	
Last year's mean for month	33.51	30.80	23.64	22.40	19.09	17.91	17.63	17.89	18.16	17.84	18.81	20.40	21.51
Max. mean for month since 1860	40.14	38.66	37.12	38.84 1887	32.79	29.73	26.87	25.39	25.38	25.82	26.05	34.21	
Year	1886	1890	1890		1876	1876	1861	18.61	1869	1861	1861	1875	-
Min. mean for month since 1860	21.25	21.61	23.08	20.78	19.09	17.91	17.63	17.51	17.22	17.21	17.07	18.73	
Year	1932	1935	1962	1931	1963	1963	1963	1934	1934	1934	1934	1949	
Mean for month-last 10 years	30.13	30.39	25.51	23.66	21.66	20,35	20.02	19.35	19.07	18.81	19.01	20.78	22.29
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79	24.06	22.53	21.56	20.98	20.85	21.09	24.59	25.64
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955), THE REFERENCE ZERO FOR IGLD (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12,444 FEET BELOW BENCH MARK 1248-G OR 7,486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

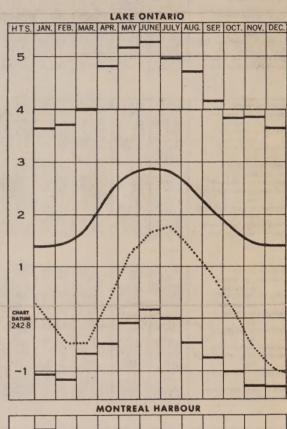
LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 PATUM 500-0 -1 LAKE HURON 5 3 2 LAKE ERIE 4 3 2

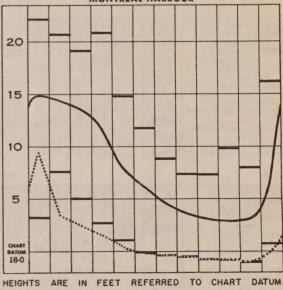


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





MONTHLY MEAN LEVELS

RECORDED IN PRESENT YEAR

AVERAGE OF ALL RECORDS

MAXIMUM FOR ALL RECORDS

MINIMUM FOR ALL RECORDS

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 CHART DATUM 600-0 LAKE HURON 5 4 3 2 CHART BATUM 576-8 LAKE ERIE 4 3 2 1 CHART DATUM 568-6



INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964

LAKE ONTARIO

HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 5 4 3 2 CHART DATUM 242-8 MONTREAL HARBOUR 20 15 10 5 HEIGHTS ARE IN FEET REFERRED TO CHART DATUM. MONTHLY MEAN LEVELS RECORDED IN PRESENT YEAR

MAXIMUM FOR ALL RECORDS MINIMUM FOR ALL RECORDS Gov. Doe Can Canada. Hydrographic + map Service

SCI. MED. DIV.

WATER LEVELSBULLETIN for the GREAT LAKES AND MONTREAL HARBOUR)

St. Laurence River.

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

1964

						LAKE SU	PERIOD	(at Port Art	hur				
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	599.48	599.52	600.20	600.57	600.77	600.83	300	001.	NOV.	OCC.	, INCAN
HIGH LEVEL FOR MONTH		6-1.007	599.95 2-0454	600.18	601.44	601.74 26-1026	601.31	601.69		700			
Day and Hour	599.34	599.21	599.00	21-1339 598.95	599.18	599.71	600.22	2-1359					
LOW LEVEL FOR MONTH Day and Hour	21-0912	23-0322	24-2127	7-0903	6-1803	26-0858	6-1220	2-2350		133		and the same	SEUR
HIGHEST DAILY MEAN	600.05	599.84	599.68	599.78	600.42	600.84	600.87	600.98				-	200
Day	599.70	599.49	1.3 599.30	30	29	600 27	20	600 60				1	
LOWEST DAILY MEAN	26	23	26	599.24	599.82	600.37	600.66	600.69			241/100		
DayLast year's mean for month	599.74	599.60	599.55	599.76	600.00	600.34	600.52	600.58					
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27					
Year	1952 598.66	1952 598.48	1951	1951	1951 598.46	1916	1876	1876 599•33	-				
Min. mean for month since 1860 Year	1926	1926	1926	1926	1926	1926	1926	1926		Towns .		and the same of	
Mean for month-last 10 years	600.08	599.79	599.67	599.73	600.20	600.42	600.64	600.70		144			
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45	600.74	600.96	601.04			-		
						LANCH	UDON	-4 Ondoviele					
	E715 E6	575.49	575.39	575.39	575.85	575.91	575.98	at Goderich) M(C)() 1	M SMMA			
MEAN FOR MONTH HIGH LEVEL FOR MONTH	575.56	576.16	576.59	576.08	576.77	576.69	576.72	576.62					
Day and Hour	10-1932	23-2350	17-1625	15-0643	24-1930	10-0725	29-0230						
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18	575.36	575.49	575.41					
Day and Hour	25-0152	25-0622	17-0622	575.68	9-0254	576.16	576.29	28-1255					
HIGHEST DAILY MEAN Day	576.15	575.77	575.72 18	23	576,10	24	29	576.39				-	
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575.53	575.69	575.78	575.69		1 1			1 2 1
Day	24	29	24	13	6	9	14	22					4 4
Last year's mean for month	576.46	576.27 580.98	576.25 581.17	576.54	576.77	576.89	576.90	576.89					
Max. mean for month since 1860 Year	1886	1886	1886	1886	1886	581.88 1886	1876	1876					
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18					1 -
Year	1934	1934	1934	1934	1934 577.64	1934	1934	1934					
Mean for month-last 10 years Mean for month-since 1860	577.30 578.31	577.20 578.27	578.33	577.32	578.85	577.80	577.90	577.85					
	1333					1	31,752	7179	- more				
						LAKEE	RIE (at Po	ort Colborne)				
MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70	569.65	569.49	569.29					
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94	570.88	570.63	570.58					
Day and Hour	10 - 0617	24-0409 567-63	5-1609	8-1720 568-32	9-1124	24-1411 568.87	13-0515	12-0500					
LOW LEVEL FOR MONTH Day and Hour	13-0248	6-1817	10-1100	20-0237	13-2039	16-0259	12-1600	568.18					
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29	569.95	569.74	569.82					1 1
Day	566.69	568.12	26 567.47	568.77	569.39	569.43	568.98	12					
LOWEST DAILY MEAN Day	12	6	10	5	31	5	12	568.97					
Last year's mean for month	569.47	568.98	569.26	569.91	570.01	569.99	569.78	569.62					
Max. mean for month since 1860	1863	572 .3 2 1863	572.50 1863	572.75 1952	573.06 1862	573.04 1860	573.16	572.81					
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	1862 568.53	1862					The state of the s
Year	1935	1935	1934	1935	1934	1934	1934	1934					- L
Mean for month-last 10 years	569.88	569.58 570.08	569.89	570.76	570.69	570.77	570.72	570.54					
Mean for month-since 1860	110014	270.00	2100 224	310.10	21200	7(1.20	571.27	571.04					
						LAKE OF	NTARIO	(at Kingsto	n)				
MEAN FOR MONTH	242.88	2/2.35	242.35	243.13	244.03	244.45	244.48	244.13	n)		- Comp		1-1-
MEAN FOR MONTH HIGH LEVEL FOR MONTH	242.88	242.35 242.88	242.35	243.69	244.77	244.45	244.48	244.13 244.72	n)				
HIGH LEVEL FOR MONTH Day and Hour	243.72 10-0940	242.88 4-0719	243.22 26-1830	243.69 22-1704	244.77 27-0001	244.45 245.09 23-2039	244.48 244.74 15-0254	244.13 244.72 13-0004	n)		-		
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH	243.72 10-0940 242.25	242.88 4-0719 241.92	243.22 26-1830 241.36	243.69	244.77	244.45	244.48 244.74 15-0254 244.09	244.13 244.72 12-0004 243.74	n)		-		
HIGH LEVEL FOR MONTH Day and Hour	243.72 10-0940	242.88 4-0719 241.92	243.22 26-1830 241.36 10-0951 242.78	243.69 22-1704 242.35 2-1740 243.55	244.77 27-0001 243.47 1-0050 244.42	244.45 245.09 23-2039 243.98 16-0127 244.54	244.48 244.74 15-0254 244.09 12-0848 244.60	244.13 244.72 13-0004 243.74 21-1735 244.33	n)				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day	243.72 10-0940 242.25 24-1121 243.35 2	242.88 4-0719 241.92 29-0525 242.70	243, 22 26-1830 241.36 10-0751 242.78 27	243.69 22-1704 242.35 2-1740 243.55 30	244.77 27-0001 243.47 1-0050 244.42 27	244.45 245.09 23-2039 243.98 16-0127 244.54 26	244.48 244.74 15-0254 244.09 12-0848 244.60	244.13 244.72 13-0064 243.74 21-1735 244.33	n)		100.00 E		
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day ÇOWEST DAILY MEAN	243.72 10-0940 242.25 24-1121 243.35 2 242.53	242.88 4-0719 241.92 29-0525 242.70 4 242.09	243.22 26-1830 241.36 10-0951 242.78	243.69 22-1704 242.35 2-1740 243.55	244.77 27-0001 243.47 1-0050 244.42	244.45 245.09 23-2039 243.98 16-0127 244.54	244.48 244.74 15-0254 244.09 12-0848 244.60	244.13 244.72 13-0004 243.74 21-1735 244.33	n)				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Doy Day	243.72 10-0940 242.25 24-1121 243.35 2	242.88 4-0719 241.92 29-0525 242.70	243.22 26-1830 241.36 10-0951 242.78 27 241.89 10 243.27	243.69 22-1704 242.35 2-1740 243.55 30 242.62	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72	244.48 244.74 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63	244.13 244.72 12-0004 243.74 21-1735 244.33 1 243.94 21 245.45	n)				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860	243.72 10-0940 242.25 24-1121 243.35 2 242.53 24 243.92 246.43	242.88 4-0719 241.92 29-0525 242.70 4 242.09 29 243.39 246.50	2/3.22 26-1830 2/1.36 10-0751 2/2.78 27 2/1.89 10 2/3.27 2/6.79	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 244.43 247.61	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72 248.07	244.48 244.74 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63 247.76	244.13 244.72 12-0004 243.74 21-1735 244.33 1 243.94 21 245.45 247.51	n)				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year	243.72 10-0940 242.25 24-1121 243.35 2 242.53 24 243.92 246.43 1866	242.88 4-0719 241.92 29-0525 242.70 4 242.09 29 243.39 246.50 1886	243.22 26-1830 241.36 10-0751 242.78 27 241.89 10 243.27 246.79 1952	243.69 22-1704 242.35 2-1740 243.55 30 242.62 244.43 247.61 1952	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96 1952	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72 248.07 1952	244.48 244.74 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63 247.76 1947	244.13 244.72 12-0004 243.74 21-1735 244.33 1 243.94 21 245.45 247.51 1947	n)				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860	243.72 10-0940 242.25 24-1121 243.35 2 242.53 24 243.92 246.43 18.6 241.73	242.88 4-0719 241.92 29-0525 242.70 4 242.09 29 243.39 246.50	2/3.22 26-1830 2/1.36 10-0751 2/2.78 27 2/1.89 10 2/3.27 2/6.79	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 244.43 247.61	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72 248.07	244.48 244.74 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63 247.76	244.13 244.72 12-0004 243.74 21-1735 244.33 1 243.94 21 245.45 247.51 1947 242.34 1934	n)				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year	243.72 10-0940 242.25 24-1121 243.35 2 242.53 24 243.92 246.43 18.66 241.73 1935 243.83	242.88 4-0719 241.92 29-0525 242.70 4 242.09 29 243.39 246.50 1886 241.63 1936 243.68	243.22 26-1830 241.36 10-0751 242.78 27 241.89 10 243.27 246.79 1952 242.13 1935 243.93	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1935 244.72	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96 1952 242.72 1935 245.31	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72 248.07 1952 242.97 1935 245.47	244.48 244.74 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63 247.76 1947 242.80 1934 245.27	244.13 244.72 12-0004 245.74 21-1735 244.33 1 245.94 21 245.45 247.51 1947 242.34 1934 244.38	n)				3
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year	243.72 10.0940 242.25 24-1121 243.35 2 242.53 24. 243.92 246.43 1806 241.73 1935	242.88 4-0719 241.92 29-0525 242.70 4 242.09 29 243.39 246.50 1886 241.63 1936	243.22 26-1830 241.36 10-0751 242.78 27 241.89 10 243.27 246.79 1952 242.13 1935	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1935	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96 1952 242.72 1935	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72 248.07 1952 242.97 1935 245.47	244.48 244.74 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63 247.76 1947 242.80 1934	244.13 244.72 12-0004 243.74 21-1735 244.33 1 243.94 21 245.45 247.51 1947 242.34 1934	n)				A .
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Mean for month-last 10 years	243.72 10-0940 242.25 24-1121 243.35 2 242.53 24 243.92 246.43 18.66 241.73 1935 243.83	242.88 4-0719 241.92 29-0525 242.70 4 242.09 29 243.39 246.50 1886 241.63 1936 243.68	243.22 26-1830 241.36 10-0751 242.78 27 241.89 10 243.27 246.79 1952 242.13 1935 243.93	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1935 244.72	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96 1952 242.72 1935 245.31 245.52	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1 245.72 248.07 1952 242.97 1935 245.67	244.78 15-0254 244.09 12-0848 244.60 15 244.35 31 245.66 1947 242.80 1934 245.27 245.59	244,13 244,72 13-004 243,74 21-1735 244-33 1 245,94 21 245,45 247,51 1947 242,34 1994 244,38 245,27	84				
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month - ist 10 years Mean for month - isince 1860	243.72 10-0946 242.25 24-1121 243.35 24.2.53 24.2.53 24.4.392 246.43 1866 241.73 1935 243.83 244.19	242.88 4-0719 2/11-92 29-0525 242.70 4 242.09 29 2/3.3.29 2/6.50 1886 241.63 1936 243.68 244.24	243,22 26-1830 241-36 10-0751 242.78 27 241.89 10 243.27 246.79 1952 242.13 1935 243.93 244.50	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 247.61 1952 242.42 1935 244.72 245.11	244.77 27-0001 243.47 1-0050 244.42 27 243.60 1 245.31 247.96 1952 242.72 1935 245.31 245.52	244.45 245.09 23-2039 243.98 16-0127 244.44 26 244.34 1 245.72 248.07 1952 242.97 1935 245.67	244.48 244.74 15-0254 244.09 12-0848 244.60 15 31 245.63 247.76 1947 242.80 193 245.27 245.59	244,13 244,74 13-004 243,74 21-1735 244-33 1 245,94 21 245,45 247,51 1947 242,34 1932 244,38 245,27	84				A
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Mean for month-last 10 years	2/3.72 10-09/6 2/2.25 2/-1121 2/3.35 2/4 2/3.92 2/6.43 18/6 2/41.73 1935 2/4.45 2/4.49 2/4.49	242.88 4-0719 2/1.92 29-0525 242.70 4 242.09 29 243.329 246.50 1886 241.63 19.68 241.63 243.68 244.24	243,22 26-1830 241.36 10-0751 242.78 27 242.89 10 243.27 245.27 246.13 10952 242.13 10952 243.93 244.50	249.69 22-1704 242.75 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1952 242.42 1952 242.42 1952 243.43 1952 244.72 245.11	244.77 27-0001 243.47 1-0050 244.42 27 245.31 245.31 247.96 1952 242.72 1935 245.31 245.52 MON1	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 1952 242.97 1932 245.47 245.67	244.48 244.74 15-0254 244.60 15 244.60 15 244.35 31 245.63 247.76 1947 242.80 1934 245.27 245.59	244,13 244,72 13-004 243,74 21-1735 244,33 1 243,94 21 245,45 247,51 1947 242,34 1997 242,34 1997 242,34 1997 242,34 1997 242,34 1997 242,34 1997 242,34 1997 242,34 1997 243,94 1997 244,88	84				
HIGH LEVEL FOR MONTH Day and Hour LIOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month- last 10 years Mean for month- since 1860 Mean for month- since 1860	2/3.72 10-09/6 2/4-25 2/-1121 2/3.35 2 2/4-2.53 2/4 2/4.73 1386 2/4.73 1395 2/4.19 27.4/5 32.89 15-183	242.88 4-0719 2/1.1-92 29-0525 242.70 4 222.09 29 243.39 246.50 1886 241.63 1936 243.68 243.68 243.68 243.68 243.68 243.68 243.68 243.68 243.68	243,22 24-1830 241-36 10-0751 242-78 27 241-89 10 243-27 246-79 105-79 105-79 242-13 1935 242-13 1935 243-93 244-50	249.69 22-1704 242.75 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1952 244.72 245.11	244.77 27-0001 249.47 1-0050 244.42 27 245.31 245.31 247.96 1952 242.72 1935 245.52	244.45 245.09 23-2039 243.98 16-0127 244.54 26 244.34 1245.72 248.07 1952 242.97 1935 245.67 REAL HA 17.79 18.63 12-0039	244.48 244.74 15-022 244.09 12-0848 244.60 15 31 245.63 247.76 1947 242.80 193 245.27 245.59	244,13 244,702 13-004 243,74 21-1735 244-33 1 245,94 21 245,45 247,51 1947 242,34 193 244,38 245,27 (at King E 17,45 18,15 2-0847	84				A
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Mean for month-since 1860 MEAN FOR MONTH HIGH LEVEL FOR MONTH LOW LEVEL FOR MONTH	2/3.72 10-09/6 2/2.25 2/-1121 2/3.35 2/4 2/3.92 2/6.43 18:6 2/4.73 19:5 2/3.83 2/4.19 27.45 32.69 15-183 22.20	242.88 4-0719 2/1-192 29-0525 242.70 4 242.09 29 243.39 246.50 1886 241.63 1996 243.68 244.24	243,22 26-1830 241-36 10-0751 242-78 212-78 20-189 10 243-27 245-27 242-13 1952 242-13 1955 243-93 244-50	243.69 22-1704 242.35 2-1740 243.55 30 242.62 2 244.49 1952 242.42 1952 244.72 245.11	244.77 27-0007 249.47 1-0050 244.42 27 243.60 1952 242.72 1935 245.31 245.52 MON1 18.36 20.13 1-0215 17.56	244,45 245,09 23-2039 243,98 16-012; 26 244,34 1 245,72 248,07 1952 242,97 1952 242,97 1952 245,47 245,67	244.48 244.74 15-0254 15-0254 12-0848 244.69 15 244.35 31 245.63 247.76 1947 242.80 1934 245.27 245.59 ARBOUR 17.66 18.59 11-2117	244,13 244,72 13-004 243,74 21-1735 244,33 1 243,94 21 245,45 247,51 1947 242,34 1997 242,34 1997 242,34 1997 244,88 245,27 (at King E 17,45 18.12 2-0847 16.89	84				
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day GOWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Wear Mean for month-since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Mean for month-since 1860	2/3.72 10-09/6 2/4.25 2/4-121 2/3.35 2 2/4.253 2/4.292 2/6.43 18:6 2/4.73 19:35 2/4.419 27-45 32:89 15-1833 22-202 27-042	242.88 4-0719 2/1.1-92 29-0525 242.70 4 222.09 29 243.39 246.50 1886 241.63 1936 243.68 243.68 243.68 243.68 243.68 243.68 243.68 243.68 243.68	243,22 24-1830 241-36 10-0751 242-78 27 241-89 10 243-27 246-79 105-79 105-79 242-13 1935 242-13 1935 243-93 244-50	243.69 22-1704 243.55 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1935 244.72 245.11	244.77 27-0001 243.47 1-0050 244.42 27 245.31 247.96 1952 242.72 1955 245.31 245.52 MON1 18.36 20.13 1-0215 17.56	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 1952 242.97 1935 245.47 245.67	244.48 244.74 15-022 244.09 12-0848 244.60 15 31 245.63 247.76 1947 242.80 1.947 245.27 245.59	244,13 244,72 13-004 243,74 21-1735 244,33 1 245,94 21 245,45 247,51 1947 242,34 193 244,38 245,27 (at King E 17,45 16,12 2-0847 16,89	84				1 2 2
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Mean for month-since 1860 MEAN FOR MONTH HIGH LEVEL FOR MONTH LOW LEVEL FOR MONTH	2/3.72 10-09/6 2/2.25 2/-1121 2/3.35 2/4 2/3.92 2/6.43 18:6 2/4.73 19:5 2/3.83 2/4.19 27.45 32.69 15-183 22.20	242.88 4-0719 2/1-192 29-0525 242.70 4 242.09 29 243.39 246.50 1886 241.63 1996 243.68 244.24 21.51 23.54 1-0031 20.33 10-0511 23.16	243,22 26-1830 241-36 10-0751 27 241-89 10 243-27 246-79 1952 242-13 1995 243-93 244-50 20-46 23-05 11-049 18-57 30-1259 22-93 11	249.69 22-1704 249.75 2-1740 249.55 30 242.62 2 244.49 247.61 1952 242.42 1935 244.72 245.11 19.46 21.20 18-1600 6-1816 21.04 18	244.77 27-0001 243.47 1-0050 244.42 27 245.31 247.96 1952 242.72 1935 245.31 245.52 MON1 18.36 20.13 1-0215 17.56	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 152 242.97 193 245.47 245.67 REAL HA 17.79 18.63 12-0039 17.04 24-1440 18.15	244.48 244.74 15-0254 15-0254 244.09 12-0848 244.65 31 245.63 247.76 1947 242.80 1934 245.27 245.27 245.59 17-66 18.59 11-2117 16.88 21-1121 18.24	244,13 244,72 13-004 243,74 21-1735 244,33 1 243,94 21 245,45 247,51 1947 242,34 1997 242,34 1997 242,34 1997 244,88 245,27 (at King E 17,45 18.12 2-0847 16.89	84				
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day EOWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Wear Mean for month-since 1860 Wear Mean for month-since 1860 LOWEST DAILY MEAN Day and Hour HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN	2/3.72 10-0940 2/4.25 2/4-1121 2/3.35 2/4. 2/4.92 2/6.43 1866 2/41.73 1935 2/4.3.83 2/4.19 27-45 32.89 15-1833 22-20 32-55	242.88 4-0719 2/1-92 29-0525 242.70 4 242.09 29 243.39 266.50 1886 241.63 1936 243.68 244.63 1.936 1.9	243,22 26-1830 241.36 10-0751 242.78 27 243.27 243.27 246.79 1052 242.13 1955 243.93 244.50 20.46 23.05 11-0419 18.79 22.93 11 18.79	249.69 22-1704 249.35 2-1740 243.55 30 242.62 2 244.43 1952 242.42 1952 244.72 245.11	244.77 27-0007 243.47 1-0050 244.42 27 245.31 245.31 247.96 1952 242.72 1935 245.52 MON1 18.36 20.13 1-0215 17.56 26-1715 19.87 17.78	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 1952 242.97 1932 245.47 245.67	244.48 244.74 15-022 244.09 12-0848 244.60 15 31 245.63 247.76 1947 242.80 1934 245.27 245.59 1.2117 16.88 21-1121 16.82 17.07	244,13 244,72 13-004 243,74 21-1735 244,33 1 245,94 21 245,45 247,51 1947 242,34 193 244,38 245,27 (at King E 17,45 16,12 2-0847 16,89 4-1243 17,09	84				
HIGH LEVEL FOR MONTH Day and Hour LIOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month- isst 10 years Mean for month- since 1860 Year Mean for month- isst 10 years Mean for MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day LOWEST DAILY MEAN Day LOWEST DAILY MEAN Day	2/3.72 10-09/6 2/42.25 2/-1121 2/3.39 2/6.43 18-6 2/4.17 1935 2/3.83 2/4.19 27.45 32.89 15-183 22.20 27-0456 32.55 22.55 27	242.88 4-0719 2/1.92 29-0525 4242.09 29-245.39 246.59 241.63 1996 243.68 244.64 1900 21.51 23.54 1-0001 23.54 1-0001 23.66 1-20.61 25.61	243,22 26-1830 241-36 10-0751 242-78 27 241-89 10 243-27 246-79 1952 242-13 1955 243-93 244-50 20-46 23-05 11-0419 18-57 30-1259 22-93 11 18-79 30	243.69 22-17704 243.55 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1935 244.72 245.11	244.77 27-0001 249.47 1-0050 244.42 27 245.31 247.96 1952 242.72 1935 245.31 245.52 10.55	244,45 245,09 23-2039 243,98 16-012; 244,34 1 245,72 248,07 1952 242,97 1952 242,97 1952 245,47 245,67 REAL HA 17.79 18.63 12-0039 17.04 24-1440 18.11 17.42 30	244.48 244.74 15-0224 244.09 12-0848 244.60 15 245.63 247.76 1947 242.80 1947 245.27 245.27 245.59 ARBOUR 17.66 18.59 11-2117 16.88 21-121 17.07 21	244.13 244.72 13-0064 243.74 21-1735 244.33 1 245.45 247.94 21 245.45 247.91 242.34 1991 244.38 245.27 (at King E 17.45 18.12 2-0047 16.89 4-123 17.84 23 17.89 4	84				
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day EOWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Wear Mean for month-since 1860 Wear Mean for month-since 1860 LOWEST DAILY MEAN Day and Hour HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN	2/3.72 10-0940 2/4.25 2/4-1121 2/3.35 2/4. 2/4.92 2/6.43 1866 2/41.73 1935 2/4.3.83 2/4.19 27-45 32.89 15-1833 22-20 32-55	242.88 4-0719 2/1-92 29-0525 242.70 4 242.09 29 243.39 266.50 1886 241.63 1936 243.68 244.63 1.936 1.9	243,22 26-1830 241.36 10-0751 242.78 27 243.27 243.27 246.79 1052 242.13 1955 243.93 244.50 20.46 23.05 11-0419 18.79 22.93 11 18.79	249.69 22-1704 242.75 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1952 242.42 1952 242.42 1952 242.42 1952 243.43 1952 1952 244.72 245.11	244.77 27-0007 243.47 1-0050 244.42 27 245.31 245.31 247.96 1952 242.72 1935 245.31 245.52 MON1 18.36 20.13 1-0215 17.76 26-1215 19.87 1 17.78 26 19.09 32.79	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 152 242.97 1935 245.47 245.67 REAL HA 17.79 18.63 12-0039 17.04 24-1440 18.15 11 17.42 30 17.91	244.48 244.74 15-022 244.09 12-0848 244.60 15 31 245.63 247.76 1947 242.80 1934 245.27 245.59 1.2117 16.88 21-1121 16.82 17.07	244.13 244.74 243.74 243.74 21-1735 244.33 21 245.45 247.51 1947 242.34 245.45 247.51 1947 242.34 1947 242.34 1948 245.27 (at King E 17.45 16.49 17.45 16.49 17.49 17.49 17.49	84				
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month last 10 years Mean for month-last 10 years Mean for month-last 10 years Mean for MONTH HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day LOWEST DAILY MEAN Day LAST year's mean for month	2/3.72 10-09/6 2/42.25 2/-1121 2/3-32 2/4-125 2/4-121 2/3-39 2/4-45 2/4-47 1935 2/3-83 2/4-19 27-46 32-89 15-183 2-2-20 27-0/50 32-55 27 33-51 40-14 1886	242.88 4-0719 2/1-192 29-0525 242.70 4 242.09 29 245.39 246.59 241.63 1096 243.68 244.24 21.51 23.54 1-0001 23.66 1 25.30.80 38.66 1880	243,22 26-1830 241.36 10-0751 242.78 10 243.27 243.27 245.27 246.79 1952 242.13 1955 243.93 244.50 20.46 23.05 11-0419 18.77 30.1259 22.93 11 18.79 30 23.64 37.12	243.69 22-1704 242.75 2-1740 243.55 30 242.62 2 244.49 1952 242.42 1952 244.72 245.11 19.46 21.20 18-160 6-1816 21.04 18 16.66 6-22.40 38.84 18.87	244.77 27-0001 249.47 1-0050 244.42 27 245.31 245.31 247.96 1952 242.72 1935 245.31 245.52 MON1 18.36 20.13 1-0215 17.56 26-1715 19.87 26 19.09 32.79 1876	244,45 245,09 23-2039 243,98 16-012; 26 244,34 1 245,72 248,07 1952 242,97 1952 242,97 1952 245,47 245,67 REAL HA 17.79 18.63 12-0039 17.04 24-1440 18.15 11 17.42 30 17.91 29.73 187.69	244.48 244.74 15-0254 12-0848 244.09 12-0848 244.35 31 245.63 247.76 1947 242.80 1934 245.27 245.29 11-2117 16.88 21-1121 17.07 21 17.66 18.59 11-217 16.88 21-1121 17.07 21	244,13 244,72 13-004 243,74 21-1735 244,33 21-1735 244,34 21 245,45 247,51 1947 242,34 1997 243,34 245,27	84				1 - 2
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Mean for month-since 1860 Wear Mean for Month HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Lowest DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year	2/3.72 10-0940 2/42.25 2/4-1121 2/3.35 2/4 2/3.92 2/6.43 18/6 2/4.173 1935 2/3.83 2/4.45 32.89 15-1833 22.20 22-20/50 32-53 15 22-55 27 40-14 18/6 24-12-18-18-18-18-18-18-18-18-18-18-18-18-18-	242.88 4-0719 2/1.92 29-0525 242.70 29 243.39 246.50 186 241.63 1936 243.68 244.24 21.51 20.51 20.61 20.61 20.80 38.66 1896 24.66 26.66	243,22 26-1830 241.36 10-0751 242.78 10 243.27 243.27 242.13 1995 243.93 244.50 20.46 23.05 11-04.57 30.1259 22.93 11 18.79 30 23.64 37.12 1890 23.64 37.12 1890 23.08	249.69 22-1704 242.75 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1952 242.42 1952 242.42 1952 243.43 1952 244.72 245.11	244.77 27-001 243.47 1-0050 244.42 27 245.60 1 245.31 247.96 1952 242.72 11245.52 MON1 18.36 20.13 1-0215 17.56 26-1715 19.87 1 17.78 26 19.09	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 1952 242.97 1952 242.97 1953 245.47 245.67 REAL HA 17.79 18.63 12-0039 17.04 17.42 30 17.42 30 17.91 29.73 1876 17.91	244.48 244.74 15-0254 15-0254 244.09 12-0848 244.60 15 244.35 31 245.63 247.76 1947 242.80 1934 245.27 245.59 11-2117 16.88 21-1121 16.88 21-1121 17.07 21 21.07 2	244.13 244.72 13-004 243.74 21-1735 244.33 1 245.45 21 245.45 247.51 1947 242.34 1994 244.38 245.27 (at King E 17.45 16.12 2-0847 16.89 4-12.43 17.89 25.39 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89	84				
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day EOWEST DAILY MEAN Day Last year's mean for month Max. Mean for month since 1860 Year Mean for month - since 1860 MEAN FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Lowest DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Min. mean for month mince 1860 Year Min. mean for month since 1860	2/3.72 10-0940 2/4.25 2/4-1121 2/3.35 2 2/4.25 2/4.25 2/4.73 18:6 2/4.73 18:6 2/4.19 2/4.419 27.45 32.89 15-183 22.20 27-0/45 32.53 15 27-0/45 32.69 15-183 22.20 27-0/45 32.53 15.5 27-0/45 32.53 15.5 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 32.53 12.55 27-0/45 27	242.88	243,22 26-1830 241.36 10-0751 242.78 27 243.27 246.79 1052 242.13 1935 243.93 244.50 20.46 23.05 11-0419 18.57 30.1259 22.93 11 18.79 30 23.64 37.12 1890 23.06 23.06	249.69 22-1704 249.55 2-1740 249.55 30 242.62 244.49 1952 242.42 1952 244.42 1952 244.72 245.11 19.46 21.20 18-1600 16.66 6-1816 21.04 18 18.87 20.78 20.	244.77 27-0007 243.47 1-0050 244.42 27 245.31 245.31 247.96 1952 242.72 1935 245.31 245.52 MON1 18.36 20.13 1-0215 17.56 26-1215 19.87 17.78 26 19.09 1876 19.09 1876	244.45 245.09 23-2039 243.98 16-0127 244.44 1 245.72 248.07 1952 242.97 123.5 245.67 REAL HA 17.74 245.63 12-0039 17.04 24-1440 18.15 11 17.42 30 17.91 29.73 1876 17.91	244.48 244.74 15-0254 12-0848 244.09 12-0848 244.35 31 245.63 247.76 1947 242.80 1934 245.27 245.29 11-2117 16.88 21-1121 17.07 21 17.66 18.59 11-217 16.88 21-1121 17.07 21	244,13 244,74 21-1735 244,74 21-1735 244,94 21 245,45 247,51 1947 242,34 1934 244,38 245,27 (at King E 17,45 18,12 2-0847 16,89 4-1243 17,09 4 17,89 25,39 18,61 17,51 19,14 17,89 25,39 18,61 17,51 18,12 17,09 4 17,89 18,12 17,19 18,12 17,19 18,12 17,19 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 17,19 17,19 18,12 17,19 17,19 17,19 18,12 17,19 18,12 17,19 17,19 18,12 17,19 18,12 17,19 18,12 17,19 18,12 18	84				
HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day COWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 Mean for month-since 1860 Wear Mean for Month HIGH LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Lowest DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year	2/3.72 10-0940 2/42.25 2/4-1121 2/3.35 2/4 2/3.92 2/6.43 18/6 2/4.173 1935 2/3.83 2/4.45 32.89 15-1833 22.20 22-20/50 32-53 15 22-55 27 40-14 18/6 24-12-18-18-18-18-18-18-18-18-18-18-18-18-18-	242.88 4-0719 2/1.92 29-0525 242.70 29 243.39 246.50 186 241.63 1936 243.68 244.24 21.51 20.51 20.61 20.61 20.80 38.66 1896 24.66 26.66	243,22 26-1830 241.36 10-0751 242.78 10 243.27 243.27 242.13 1995 243.93 244.50 20.46 23.05 11-04.57 30.1259 22.93 11 18.79 30 23.64 37.12 1890 23.64 37.12 1890 23.08	249.69 22-1704 242.75 2-1740 243.55 30 242.62 2 244.43 247.61 1952 242.42 1952 242.42 1952 242.42 1952 243.43 1952 244.72 245.11	244.77 27-001 243.47 1-0050 244.42 27 245.60 1 245.31 247.96 1952 242.72 11245.52 MON1 18.36 20.13 1-0215 17.56 26-1715 19.87 1 17.78 26 19.09	244.45 245.09 23-2039 243.98 16-0127 244.54 1 245.72 248.07 1952 242.97 1952 242.97 1953 245.47 245.67 REAL HA 17.79 18.63 12-0039 17.04 17.42 30 17.42 30 17.91 29.73 1876 17.91	244.48 244.74 15-022 244.09 12-0848 244.60 15 31 245.63 247.76 1947 242.80 1947 245.59 ARBOUR 17.66 18.59 11-2117 16.88 21-1121 17.07 21 26.87 1861 17.63 26.87 1861 17.63 1963	244.13 244.72 13-004 243.74 21-1735 244.33 1 245.45 21 245.45 247.51 1947 242.34 1994 244.38 245.27 (at King E 17.45 16.12 2-0847 16.89 4-12.43 17.89 25.39 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89 25.39 18.17 17.89	84				

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR 1 G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

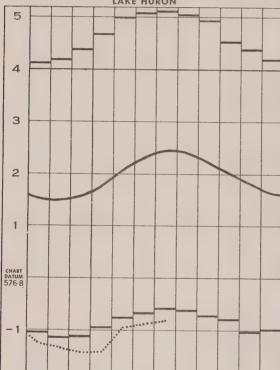
LAKE SUPERIOR

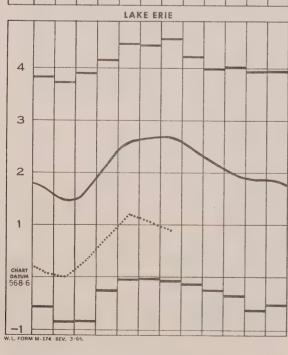
HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP OCT. NOV. DEC.

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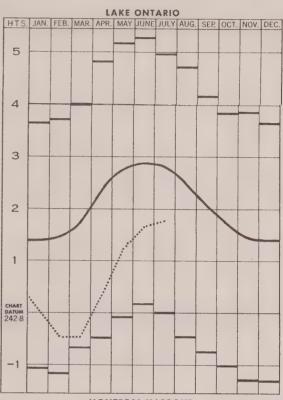


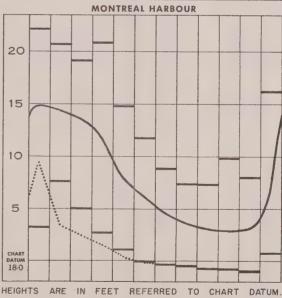


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





MONTHLY MEAN LEVELS

RECORDED IN PRESENT YEAR

AVERAGE OF ALL RECORDS

MAXIMUM FOR ALL RECORDS

MINIMUM FOR ALL RECORDS

Gov. Doe Comada Hychographic & Mass Service
Can

WATER LEVELS BULLETIN For the

GREAT LAKES (AND MONTREAL HARBOUR)
St. Lawrence River.

1964



INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAÑ.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	599.48	599.52	600.20	600.57	600.77						
HIGH LEVEL FOR MONTH	600.37	600.11	599.95	600.18	601.44	601.74	601.31						
Day and Hour	1-0739	6-1007	2-0454	21-1339	23-2117	26-1026	20-0500					i	
LOW LEVEL FOR MONTH	599.34	599.21	599.00	598.95	599.18	599.71	600.22						
Day and Hour	21-0912		24-2127	7-0903	6-1803	26-0858	6-1220		L				
HIGHEST DAILY MEAN	600.05	590.84	599.68	599.78	600.42	600.84	600.87						
Day	1	3	13	30	29	29	20						
LOWEST DAILY MEAN	59% 70	599.49	599.30	599.24	599.82	600.37	600.66						
Day	26	23	26	7	1	3	13						
Last year's mean for month	599.74	599.60	599.55	599.76	600.00	600.34	600.52						
Max, mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16						
Year	1952	1952	1951	1951	1951	1916	1876						
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14						
Year	1926	1926	1926	1926	1926	1926	1926						
Mean for month-last 10 years	600.08	599.79	599.67	599.73	600.20	600.42	600.64						
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45	600.74	600.96						
	1	1	1	1		1	1						

LAKE HURON (at Goderich)

								(012 010000110	"/			
MEAN FOR MONTH	575.56	575.49	575.39	575.39	575.85	575.91	575.98					
HIGH LEVEL FOR MONTH	576.49	576.16	576.59	576.08	576.77	576.69	576.72					
Day and Hour	10-1932	23-2350	17-1625		24-1930	10-0725	29-0230					
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18	575.36	575.49					
Day and Hour	25-0152	25-0622	17-0622	21-1346	9-0254	26-1133	14-0820			l		
HIGHEST DAILY MEAN	576.15	575.77	575.72	575.68	576,10	576.16	576.29					
Day	10	8	18	23	28	24	29			ŀ		
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575-53	575.69	575.78					
Day	24	29	24	13	6	9	14			1		
Last year's mean for month	576.46	576.27	576.25	576.54	576.77	576.89	576.90					
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90					
Year	1886	1886	1886	1886	1886	1886	1876			1		
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22					
Year	1934	1934	1934	1934	1934	1934	1934					
Mean for month-last 10 years	577.30	577.20	577.17	577.32	577.64	577.80	577.90					
Mean for month-since 1860	578.31	578.27	578.33	578.54	578.85	579.09	579,22				1	

LAKE EDIE (at Part Calbarna)

							101 (G()	DIT COIDOIN	<i>c)</i>			
MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70	569.65	569.49					
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94	570.88	570.63					
Day and Hour	10-0617			8-1720	9-1124	24-1411	13-0515			1		
LOW LEVEL FOR MONTH	565.63	567.63	564.22	568.32	568.74	568.87	568.44					
Day and Hour	13-0248		10-1100		13-2039	16-0259	12-1600		1	1		
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570,29	569.95	569.74					
Day	10	8	26	8	9	24	13					
LOWEST DAILY MEAN	566.69	568.12	567.47	568.77	569.39	569.43	568.98					
Day	12	6	10	5	31	5	12				1	
Last year's mean for month	569.47	568.98	569.26	569.91	570.01	569.99	569.78					
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16					
Year Year	1863	1863	1863	1952	1862	1860	1862			1	1	
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53					
Year	1935	1935	1934	1935	1934	1934	1934					
Mean for month-last 10 years	569.88	569.58	569.89	570.39	570.69	570.77	570.72					
Mean for month-since 1860	570.31	570.08	570.24	570.76	571.08	571.26	571.27					

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	242.88	2/,2,35	_242.35	243.13	244.03	244.45	244.48			1	
HIGH LEVEL FOR MONTH	2/3.72	242.88	243.22	243.69	244.77	245.09	244.74				
Day and Hour	10-0940	4-0719	26-1830	22-1704	27-0001	23-2039	15-0254		1		
LOW LEVEL FOR MONTH	242.25	241.92	241.36	242.35	243.47	243.98	244.09				
Day and Hour	2/-1121			2-1740	1-0050	16-0127	12-0848				
HIGHEST DAILY MEAN	243.35	242.70	242.78	243.55	244.42	244.54	244.60				
Day	2	4	27	30	27	26	15				
COWEST DAILY MEAN	242.53	242.09	241.89	242.62	243.60	244.34	244.35				
Day	24	29	10	2	1	1	31	 			
Last year's mean for month	243.92	2/3.39	243.27	244.43	245.31	245.72	245.63				
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76				
Year Year	1856	1886	1952	1952	1952	1952	1947				
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80				
			7025	1935	1935	1935	1934				
Year	1935	1936	1935		-///		~//		1	1	
YearMean for month-last 10 years	243.83	243.68	243.93	244.72	245.31	245.47	245.27	 	 		
1 441								 			

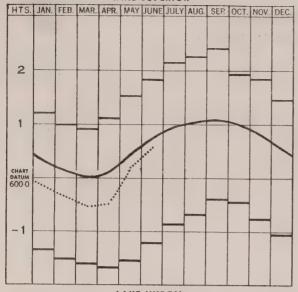
MONTREAL HARBOUR (at King Edward Pier)

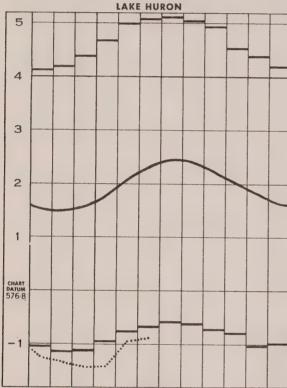
MEAN FOR MONTH	27.45	21.51	20.46	19.46	18.36	17.79	17.66						
HIGH LEVEL FOR MONTH	32.69	23.54	23.05	21,20	20.13	18.63	18.59						
	15-1833	1-0001	11-0419	18-1600	1-0215	12-0039	11-2117						
Day and Hour	22.20	20.33	18.57	16.60			16.88						
LOW LEVEL FOR MONTH				6-1816	17.56	17.04							
Day and Hour	27-0450	10-0511			26-1715		21-1121						
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87	18.15	18.24						
- Day	15	1	11	18	1	11	11						
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78	17.42	17.07						
Day	27	25	30	6	26	30	21		1				
Last year's mean for month	33.51	3.0.80	23.64	22.40	19.09	17.91	17.63						
Max. mean for month since 1860	40.14	38.66	37.12	38.84 1887	32.79	29.73	26.87						
Year	1886	1890	1890	1887	1876	1876	1861						
Min. mean for month since 1860	21.25	21.61	23.08	20.78	19.09	17.91	17.63						
Year	1932	1935	1962	1931	1963	1963	1963						
Mean for month-last 10 years	30.13	30.39	25.51	23.66	21.66	20.35	20.02						
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79	24.06	22.53						
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

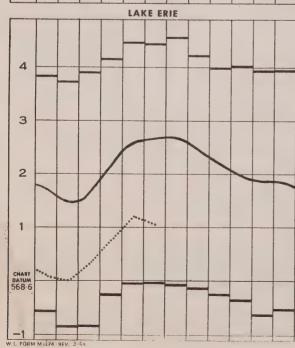
MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR IGLD (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR





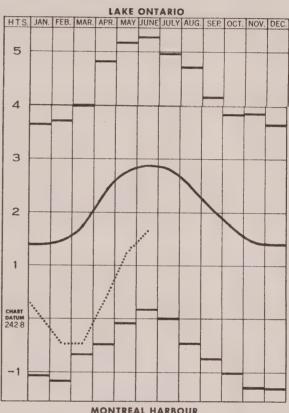


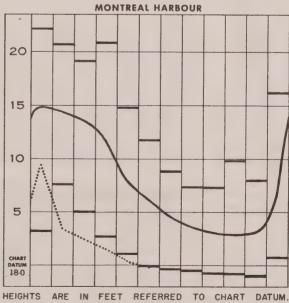


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





MONTHLY MEAN LEVELS

RECORDED IN PRESENT YEAR

AVERAGE OF ALL RECORDS

MAXIMUM FOR ALL RECORDS

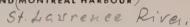
MINIMUM FOR ALL RECORDS

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MATER LEVELS BULLETIN for the

1964

GREAT LAKES AND (MONTREAL HARBOUR)





INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN	FEB.	MAR.	APRIL.	MAY	JUNE	JULY	AUG.	SEPT	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	599.48	599.52	600.20	600.57						التناق	
HIGH LEVEL FOR MONTH	600.37	600,11	579.95	600.18	601.44	601.74							
Day and Hour	1-0739	6-3.007	2-0454	21-1339	23-2117	26-1026							
LOW LEVEL FOR MONTH	599.34	599.21	599.00	598.95	599.18	599.71							
Day and Hour	21-0912	23-0322	24-2127	7-0903	6-1803	26-0858							
HIGHEST DAILY MEAN	600.05	599.87	599,68	599.78	600.42	600.84							
Day	T T	700 10	1.3	30	29	29							
LOWEST DAILY MEAN	599.70	509.49	599.30	599.24	599.82	600.37					i		
Day	26	599.60	26	7	1								
Last year's mean for month	599.74 601.21	600.90	599.55 600.92	599.76	600.00	600.34							
Max, mean for month since 1860	1952	1952	1951	601.12	601.53	601.84							
Year	598,66	598.48	598.40	1951	1951	1916							
Min. mean for month since 1860	1926	1926	1926	598.33	598.46 1926	598.79 1926							
Year	600.08	599.79	599.67	1926	600.20	600.42							
Mean for month-last 10 years	600.32	600.13	600.03	599.73	600.45	600.74							
Mean for month-since 1860	000.52	00081)	000,00	600.10	000.45	000.74							

LAKE HURON (at Goderich)

MEAN FOR MONTH	575.56	575.49	575.39	575.39	575.85	575.91					
HIGH LEVEL FOR MONTH	576.49	576.16	576.59	576.08	576.77	576.69					
Day and Hour	10-1932	23-2350	17-1625	15-0643	24-1930	10-0725			İ		
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18	575.36				1	
Day and Hour	25-0152	25-0622	17-0622	21-1346	9-0254	26-1133	 	 		1	
HIGHEST DAILY MEAN	576.15	575.77	575.72	575.68	576,10	576.16			ĺ	ł	
Day	10	8	18	23	28	24	 				
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575-53	575.69					
Day	2/4	29	24	13	6	9		 I			
Last year's mean for month	576.46	576.27	576.25	576.54	576.77	576,89		 			
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88]			
Year	1886	1836	1886	1886	1886	1886	 	 			
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13					
Year	1934	1934	1934	1934	1934	1934	 	 			
Mean for month-last 10 years	577.30	577.20	577.17	577.32	577.64	577.80	 				
Mean for month-since 1860	578.31	578.27	578.33	578.54	578.85	579.09	 		L		

LAKE ERIE (at Port Colborne)

						CALL P	WIE (GIL	ort Colborn	e)			
MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70	569.65				T		
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94	570.88						
Day and Hour	10-0617		5-1609	8-1720	9-1124	24-1411			1		1	
LOW LEVEL FOR MONTH	565.63	567.63	564.22	568.32	568.74	568.87						
Day and Hour	13-0248		10-1100	20-0237	13-2039	16-0259			l			
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29	569.95						
Day	10	8	26	8	9	24			1	1		
LOWEST DAILY MEAN	566.69	568.12	567.47	568.77	569.39	569.43						
Day	12	6	10	5	31	55			l			
Last year's mean for month	569.47	568.98	569.26	569.91	570.01	569.99						
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04			1			
Year	1863	1863	1863	1952	1862	1860						
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56						
Year	1935	1935	1934	1935	1934	1934		<u> </u>				
Mean for month-last 10 years	569.88	569.58	569.89	570.39	570.69	570.77						
Mean for month-since 1860	570.31	570.08	570.24	570.76	571.08	571.26						
	1											

LAKE ONTARIO (at Kingston)

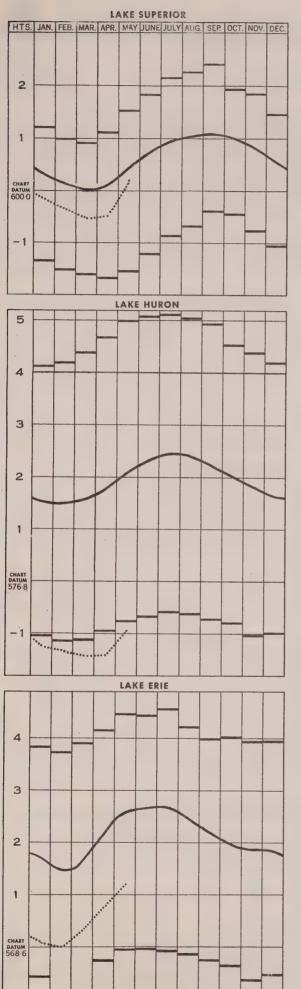
MEAN FOR MONTH	242.88	242.35	242.35	243.13	244.03	244.45						
HIGH LEVEL FOR MONTH	243.72	242.88		243.69	244.77	245.09						
Day and Hour	10-09/0	4-0719	26-1830	22-1704	27-0001	23-2039		1		1		
LOW LEVEL FOR MONTH	242.25	2/1.92	241.36	242.35	243.47	243.98						
Day and Hour	2/-1121	29-0525		2-1740	1-0050	16-0127		1				
HIGHEST DAILY MEAN	243.35	242.70	242.78	243.55	244.42	244.54						
Day	2	4	27	30	27	26			[1		
LOWEST DAILY MEAN	242.53	242.09	2/1.89	242.62	243.60	244.34					1	
Day	24	29	10	2	1	1						
Last year's mean for month	243.92	2/3.39	243.27	244.43	245.31	245.72						
Max. mean for month since 1860	246.43	246.50	246.79		247.96	248.07						
Year	1 806	1886	1952	1952	1952	1952				1		
Min. mean for month since 1860	2/1.73	241.63	242.13		242.72	242.97						
Year	1935	1936	1935	1935	1935	1935	 					
Mean for month-last 10 years	243.83	243.68	243.93		245.31	245.47						
			211 60	245.11	21.0 12	245.67			i .			
Mean for month-since 1860	244.19	244.24	244.50	247.11	245.52	247001	 					

MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	27.45	21.51	20.40	19.46	18.36	17,79							
HIGH LEVEL FOR MONTH	32.69	23.54	23.05	21.20	20.13	18.63							
Day and Hour	15-1833	1-0001	11-0419	18-1600	1-0215	12-0039							
LOW LEVEL FOR MONTH	22.20	20.33	18.57	16.60	17.56	17.04							
Day and Hour	27-0450	10-0513	30_1259	6-1816	26-1715								
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87	18.15							
Day	1.5	11	11	18	11	11							
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78	17.42							
Day	27	25	30	6	26	30							
Last year's mean for month	33.51	3.0.80	23.64	22.40	19.09	17.91							
Max. mean for month since 1860	40.14	38.66	37.12	38.84 18 87	32.79	29.73							
Year	1886	1890	1890		1876	1876							
Min. mean for month since 1860	21.25	21.61	23.08	20.78	19.09	17.91							
Year	1932	1935	1962	1931	1963	1963							
Mean for month-last 10 years	30.13	30,39	25.51	23.66	21.66	20.35							
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79	24.06							
	JAN.	FEB.	MÀR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955), THE REFERENCE ZERO FOR 1 G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12,444 FEET BELOW BENCH MARK 1248-G OR 7,486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

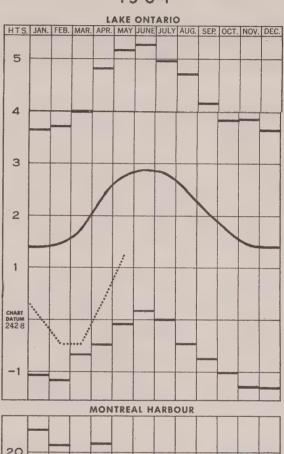


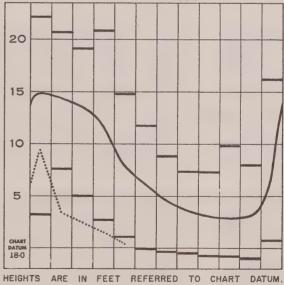


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





MONTHLY	MAE ANI	LEVELS

RECORDED IN PRESENT YEAR AVERAGE OF ALL RECORDS MAXIMUM FOR ALL RECORDS MINIMUM FOR ALL RECORDS

WATER LEVEL BULLETIN GREAT LAKES AND (MONTREAL HARBOUR)

L'haurence River.

January Comments of the commen

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

1964

LAKE SUPERIOR (at Port Arthur)

								(at roit Ai	(1101)				
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	599.48	599.52	600.20								
HIGH LEVEL FOR MONTH	600.37	600.11	599.95	600.18	601.44								
Day and Hour	1-0739	6-1007	2-0454	21-1339				L		1			
LOW LEVEL FOR MONTH	599.34	599.21	599.00	598.95	599.18			1					
Day and Hour	21-0912		24-2127	7-0903	6-1803								
HIGHEST DAILY MEAN	600.05	599.84	599.68	599.78	600.42								
Day	1	3	13	30	29							L	
LOWEST DAILY MEAN	59%.70	599.49	599.30	599.24	599.82				1				
Day	26	23	26	7	1								
Last year's mean for month	599.74	599.60	599.55	599.76	600.00								
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53								
Year	1952	1952	1951	1951	1951				ļ				
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46								
Year	1926	1926	1926	1926	1926								
Mean for month-last 10 years	600.08	599.79	599.67	599.73	600.20								
Mean for month-since 1860	600.32	600.13	600.03	600.10	600.45								
	1			ı									

LAKE HURON (at Goderich)

MEAN FOR MONTH	575.56	575.49	575.39	575.39	575.85			I		
HIGH LEVEL FOR MONTH	576.49	576.16	570.59	576.08	576.77					
Day and Hour	10-1932	23-2350	17-1625	15-0643	24-1930	ļ				
LOW LEVEL FOR MONTH	574.36	574.80	574.42	574.57	575.18					
Day and Hour	25-0152	25-0622	17-0622	21-1346						
HIGHEST DAILY MEAN	576.15	575.77	575.72	575.68	576.10					
Day	1.0	- 8	18	23	40					
LOWEST DAILY MEAN	575.19	575.24	575.09	575.07	575.53					
Day	24	29	24	13	6					i i
Last year's mean for month	576.46	576.27	576.25	576.54	576.77					
Max. mean for month since 1860	580.91	500.98	581.17	581.46	481.79					
Year	1886	1886	1886	1886	1886					
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04					
Year	1934	1934	1934	1934	1934					
Mean for month-last 10 years	5'77.30	577.20	577.17	577.32	577.64					
Mean for month-since 1860	578,31	578.27	578.33	578.54	578.85					
•									 	

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	568.71	568.61	568.91	569.35	569.70			T	
HIGH LEVEL FOR MONTH	572.25	570.42	573.27	570.96	571.94				
Day and Hour	10-0617	24-0409	5-1609	8-1720	9-1124				1
LOW LEVEL FOR MONTH	565.63	567.63	564, 22	568.32	568.74				
Day and Hour	13-0248		10-1100	20-0237	13-2039			1	
HIGHEST DAILY MEAN	570.31	569.17	570.81	570.04	570.29				
Day	10	8	26	8	9				
LOWEST DAILY MEAN	566,69	568.12	567.47	568.77	569.39				
Day	12	6	10	5	31				ì
Last year's mean for month	569.47	568.98	569.26	569.91	570.01				
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06				
Year	1.863	1863	1863	1952	1862				
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55				
Year	1935	1935	1934	1935	1934				
Mean for month-last 10 years	569.88	569.58	569.89	570.39	570.69			<u> </u>	
Mean for month-since 1860	570.31	570,08	570.24	570.76	571.08				

LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	242.88	242.35	242.35	243.13	244.03					
HIGH LEVEL FOR MONTH	243.72	242.88	243.22	243.69	244.77					
Day and Hour	10-0940	4-0719	26-1830	22-1704	27-0003					
LOW LEVEL FOR MONTH	242.25	2/1.92		242.35	243.47					
Day and Hour	2/,-1121	29-0525		2-1740	1-0050	<u></u>				
HIGHEST DAILY MEAN	243.35	242.70	242.78	243.55	244.42					
Day	2	1,	27	30	27					
COWEST DAILY MEAN	242.53	242.09	2/,1.89	242.62	243.60					
Day	24	29	10	2	1			ì		
Last year's mean for month	21,3.92	2/3.39	243.27	244.43	245.31					
Max. mean for month since 1860	21,6,43	24,6.50	246.79		247.96					
Year	18.6	1886	1952	1952	1952					
Min. mean for month since 1860	241.73	241.63	242.13		242.72					
Year	1935	1936	1935	1935	1935					
Mean for month-last 10 years	243.83	2/3.68	243.93		245.31					
Mean for month since 1860	244.19	211,024	244.50	245.11	245.52					
							صنند الم		 	

MONTREAL HARBOUR (at King Edward Pier

							TREGUN	(at thing t					
MEAN FOR MONTH	27.45	21.51	20.46	19.46	18.36								
HIGH LEVEL FOR MONTH	32.89	23.54	23.05	21.20	20.13								
Day and Hour	15-1833	1-0001	11-0419	18-1600	1-0215								
LOW LEVEL FOR MONTH	22.20	20.33	18.57	16.60	17.56								
Day and Hour	27-0450	10-0511	30_1259	6-1816	26-1715								
HIGHEST DAILY MEAN	32.53	23.16	22.93	21.04	19.87								
Day	15	1	11	18	1								
LOWEST DAILY MEAN	22.55	20.61	18.79	16.86	17.78								
Day	27	25	30	6	26								
Last year's mean for month	33.51	3.0.80	23.64	22.40	19.09								
Max. mean for month since 1860	40.14	38.66	37.12	38.84 1887	32.79								
Year	1886	1890	1890		1876								
Min. mean for month since 1860	21.25	21.61	23.08	20.78	19.09								
Year	1932	1935	1962	1931	1963								
Mean for month last 10 years	30.13	30.39	25.51	23.66	21.66								
Mean for month-since 1860	32.78	32.26	31.42	29.47	25.79								
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR IGLD(1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

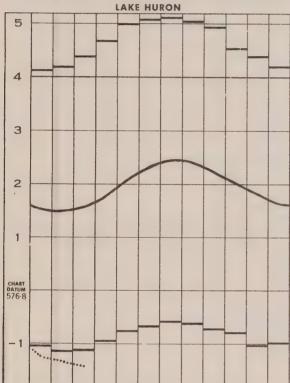
LAKE SUPERIOR

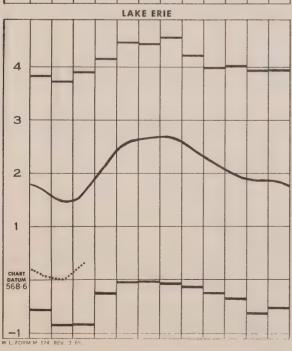
HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.

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CHART DATUM 600-0



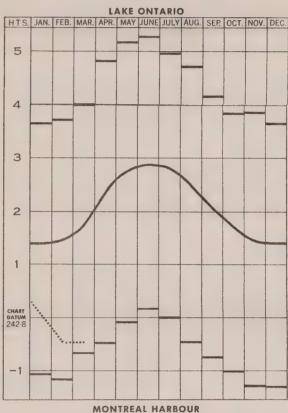


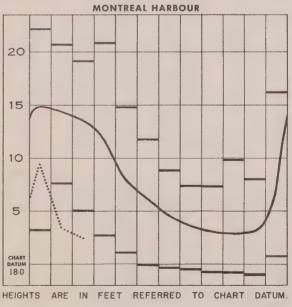


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964





MONTHLY MEAN LEVELS

RECORDED IN PRESENT YEAR

AVERAGE OF ALL RECORDS

MAXIMUM FOR ALL RECORDS

MINIMUM FOR ALL RECORDS

(course, hydrographic is that service

WATER LEVEL BULLETIN GREAT LAKES AND MONTREAL HARBOUR)



1964

LAKE SUPERIOR (at Port Arthur)

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	Nov.	DEC.	MEAN
MEAN FOR MONTH						55116			0211.	551.		5.0.	
HIGH LEVEL FOR MONTH	522.86	509.67	599.48 599.95			1							
Day and Hour	1-0739	6-1007	2-0454										
LOW LEVEL FOR MONTH	599.34	599.21	599.00										
Day and Hour	21-0912	23-0322	24-2127										
HIGHEST DAILY MEAN	600.05	599.84	599.68										
Day	1	3	13										
LOWEST DAILY MEAN	599.70	599.49	599.30										
Day	26 599.74	23 599.60	599,55										
Last year's mean for month	601.21	600.99	600.92										
Max. mean for month since 1860	1952	1952	1951										
Min. mean for month since 1860	598.66	598.48	598.40										
Year	1926	1926	1926										
Mean for month last 10 years	600.08	599.79	599.67										
Mean for month-since 1860	600.32	600.13	600.03							-			
		1											
						LAKE H	URON (at Goderich	1)				
MEAN FOR MONTH	575.56	575.49	575.39										
HIGH LEVEL FOR MONTH	576.49	576.16	576.59										
Day and Hour	10-1932	23-2350											
LOW LEVEL FOR MONTH	574.36	574.80	574.42										
Day and Hour	25-0152	25-0622	17-0622										
HIGHEST DAILY MEAN	576.15	575.77	575.72										
Day	10 575.19	575.24	18 575.09										
LOWEST DAILY MEAN	24	29	24										
Last year's mean for month	576.46	576.27	576.25										
Max. mean for month since 1860	580.91	580.98	581.17										
Year	1886	1886	1886										
Min. mean for month since 1860	575.56	575.49	575.69										
Year	1964	1964	1934										
Mean for month-last 10 years	577.30	577.20	577.17										
Mean for month-since 1860	578.31	578.27	578.33										
									,		,		
						LAKE F	RIE (at Po	ort Colhorna	١.				
	568.71	568.61	568.91				(0.10	11.001001110	,				
MEAN FOR MONTH	572.25	570.42	573.27										
HIGH LEVEL FOR MONTH Day and Hour	10-0617	24-0409	5-1609					-		1			
LOW LEVEL FOR MONTH	565.63	567.63	564.22										
Day and Hour	13-0248	6-1817	10-1100			ĺ							
HIGHEST DAILY MEAN	570.31	569.17	570.81										
Day	10	8	26										
LOWEST DAILY MEAN	566.69	568.12	567.47										
Day	12	6	10										
Last year's mean for month	569.47	568.98	569.26 572.50										
Max. mean for month since 1860	572.44 1863	1863	1863										
Min. mean for month since 1860	568.03	567.75	567.76										
Year	1935	1935	1934										
Mean for month-last 10 years	569.88	569.58	569.89										
Mean for month-since 1860	570.31	570.08	570.24										
							1					1	
						LAKE ON	ITADIO	(a) Klasst-					
						-MKE OF	TIMRIO	dt ringsto	11)				
MEAN FOR MONTH	242.88	242.35	242.35										
HIGH LEVEL FOR MONTH	243.72	242.88	243,22 26-1830							T			
Day and Hour	10-0940	4-0719	26-1830 241-36										
LOW LEVEL FOR MONTH	242.25	241.92											Tal Tal
Day and Hour	24-1121	242.70	242.78										
HIGHEST DAILY MEAN	2	4	27										
LOWEST DAILY MEAN	242.53	242.09	2/1.89										
Day	24	29	10										
Last year's mean for month	243.92	243.39	243.27										
Max. mean for month since 1860	246.43	246.50	246.79										
Year	1856	1886	1952										
Min. mean for month since 1860	241.73	241.63	242.13										
Year	1935	1936	1935	~~~									
Mean for month-last 10 years	243.83	243.68	243.93										
Mean for month-since 1860	244.0.19	244.24	214.50										

MAXIMUM AND MINIMUM MEAN LEVELS TABULATED ABOVE AND SHOWN OVERLEAF ARE THOSE PRIOR TO THE PRESENT YEAR AND MAY HAVE BEEN RECORDED AT LOCATIONS ON THE LAKES OTHER THAN THOSE INDICATED.

20.46 23.05 11-0419 18.57

22.93 11 18.79 30 23.64 37.12 1890 23.08

1962 25.51 31.42

20.61

1964 30.39 32.26

FEB.

27-0450 32-53

15 22.55 27 33.51 40.14 1886 21.25

1932

30.13

MEAN FOR MONTH
HIGH LEVEL FOR MONTH ... Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN

Day
LOWEST DAILY MEAN
Day
LOWEST DAILY MEAN
Last year's mean for month
Max. mean for month since 1860
Year

Min. mean for month since 1860

Year

Mean for month-last 10 years

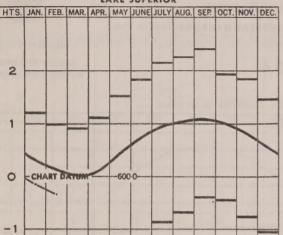
Mean for month-since 1860

MONTREAL HARBOUR (at King Edward Pier)

APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV.

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955). THE REFERENCE ZERO FOR 1 G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 CHART DAY



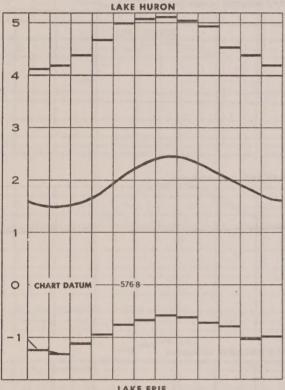


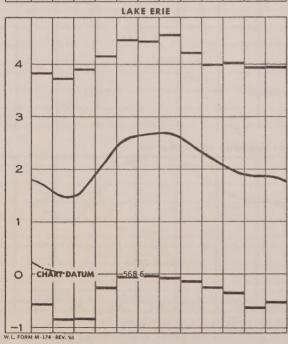
INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

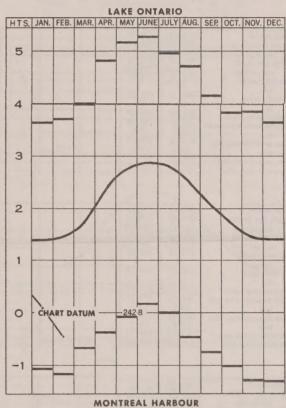
MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

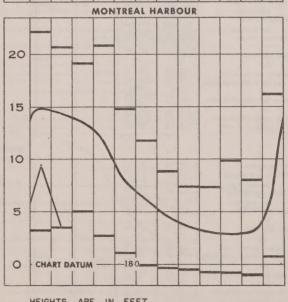
1964

Maximum	Contracted Spinishers of Spinishers of Spinishers	PERIOD
Minimum		OF
Mean		RECORD
Mean		MONTHLY









HEIGHTS ARE IN FEET REFERRED TO CHART DATUM. Gov. Doc Camode. Mydrographic a map Survice

LIBRARY

WATER LEVELS BULLETIN for the great lakes and montreal harbour)

St. Laurence River. ..



INLAND WATER LEVELS

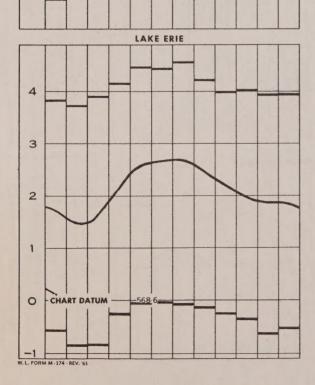
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

ONNERSTR	E TORUM						nenion	for Book Ant	horal				
	JAN,	FEB.	MAR.	APRIL	MAY	JUNE	JULY	(at Port Art	BEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86	599.67	WIN.	Arnie	Will	30112	3021						
HIGH LEVEL FOR MONTH	600.37	6-1007										1	
LOW LEVEL FOR MONTH	599.34	599.21			and the same special states and the same states are same states and the same states are same states and the same states are sa							1 3	
Day and Hour	600.05	599.84											
HIGHEST DAILY MEAN	1	3	BURNING SUCCESSION AND ADDRESS OF THE ADDRESS OF TH										
LOWEST DAILY MEAN	599.70	599.49											
Last year's meen for month	599.74	599.60									111		
Max. mean for month since 1860	1952	1952						1211				1	
Min. mean for month since 1860	598.66	598.48									1 1		
Year Mean for month-last 10 years	1926	1926 599.79											
Mean for month-since 1860	600.32	600.13											
		2003											
		ene 1:0				LAKE	IURON	(at Goderich	1)				
MEAN FOR MONTH HIGH LEVEL FOR MONTH	575.56	575.49					,						
Day and Hour	10-1932 574.36	23-2350 574.80						-					
LOW LEVEL FOR MONTH Day and Hour	25-0152	25-0622								7,14			
HIGHEST DAILY MEAN	576.15	575.77											
LOWEST DAILY MEAN	575.19	575.24							P. Commission	1			
Day	576.46	576.27									,		
Last year's mean for month Max. mean for month since 1860	580.91	580.98						1 1				-	
Year	1886	1886											
Min. mean for month since 1860 Year	1964	1964										1	
Mean for month-last 10 years	577.30	577.20 578.27											
Mean for month-since 1860	710072												
						LAKE	RIE (at P	ort Colborne)				
MEAN FOR MONTH	568.71	568.61											
HIGH LEVEL FOR MONTH Day and Hour	572.25	570.42									- 11		
LOW LEVEL FOR MONTH	565.63	567.63		1							1		
HIGHEST DAILY MEAN	570.31	569.17											
Day	10 566.69	568.12						-					
LOWEST DAILY MEAN Day	12	6					4						
Last year's mean for month	569.47	568.98											
Max. mean for month since 1860 Year	1863	1863											
Min. mean for month since 1860	568.03	567.75 1935											
YearMean for month-last 10 years	569.88	569.58										1	
Mean for month-since 1860	570.31	570.08		-			-	-					
						LAKE O	NTARIO	(at Kingsto	on)				
MEAN FOR MONTH	242.88	242.35											
HIGH LEVEL FOR MONTH	243.72	242.88						1				9	
LOW LEVEL FOR MONTH	242.25	241.92								- / - / - / - / - / - / - / - / - / - /	10	Y	
Day and Hour	24-1121	29-0525											
HIGHEST DAILY MEAN Day	2	4											
LOWEST DAILY MEAN	242.53	242.09									-		
DayLast year's mean for month	243.92	243.39											
Max. mean for month since 1860	1886	246.50 1886					1 3						
Min. mean for month since 1860	241.73	241.63											
YearMean for month-last 10 years	1935	1936							-				
Mean for month-since 1860	244.19	244.24				-							
	1				44014	TREAL	ADDOUG	(a) Vine	Idward Di	1			
MEAN FOR MONTH	27.45	21.51			MOM	TREAL H	ARBOOK	(at King f	Lawaru Pier	7			
HIGH LEVEL FOR MONTH	32.89	23.54											
Day and Hour	15-1833	1-0001							-				
LOW LEVEL FOR MONTH Day and Hour	27-0450	10-0511											
HIGHEST DAILY MEAN	32.53	23.16		1111-1	-								
LOWEST DAILY MEAN	22.55	20.61			11111							1	
Day	27	30.80				-		-					
Last year's mean for month Max. mean for month since 1860	33.51	38.66											
Year	1886	1890				-					-		
Min. mean for month since 1860 Year	21.25	1964		- 1-					1	1-1-1		1	
Mean for month-last 10 years	30.13	30.39											
Mean for month-since 1860	32.78 JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
				T DEFE									- Marie

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW-BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SER OCT. NOV. DEC. 2 0 CHART DAT LAKE HURON 5 3 0 CHART DATUM



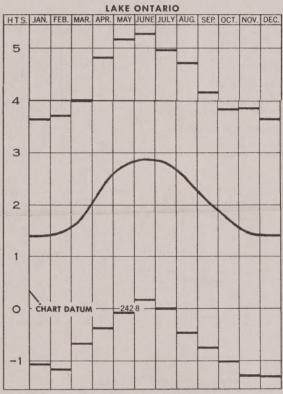


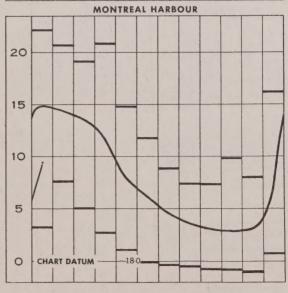
INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1964

Maximum	PERIOD
Minimum	 OF
Mean	RECORD
Mean	 MONTHLY





HEIGHTS ARE IN FEET REFERRED TO CHART DATUM. Gov. Doc Canada. Hydrographic - hap Service



St. Laurence River,



INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	T ALLO	1 ocht	007			
		TED.	WINN.	VLUIT	MAI	JUNE	JULT	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.86												
HIGH LEVEL FOR MONTH	600.37			(C) (B)		1							
Day and Hour	1-0739												
LOW LEVEL FOR MONTH	599.34			CALL STREET									
Day and Hour	21-0912						7			The same			
HIGHEST DAILY MEAN	600.05								100000000000000000000000000000000000000		100000000000000000000000000000000000000		
Day	1				1 2 2 2	101/1				N. Contract			
	599.70												
LOWEST DAILY MEAN	26						and the	Anna Maria					
Day	599.74												
Last year's mean for month								Martin					
Max, mean for month since 1860	601.21		3 11 111	DESCRIPTION OF			1 10 11						
Year	1952			The Last	2 - 1 - 1	The same of the sa	hardwill .			11 / 11/2	W. 11 - 11 11		
Min. mean for month since 1860	598.66							(Contract of the last					
Year	1926			1000		3000	100	11 . 11 . 1			- 1 1 1 1	MALES.	
Mean for month-last 10 years	600.08												
Mean for month-since 1860	600.32				-								
Mean for month-since 1860	00000	~									A Superior Control		

LAKE HURON (at Goderich)

MEAN FOR MONTH	575.56								
HIGH LEVEL FOR MONTH Day and Hour	576.49 10-1932		The same of						
LOW LEVEL FOR MONTH Day and Hour	574.36 25-0152					Marin I			
HIGHEST DAILY MEAN Day	576.15 10								
LOWEST DAILY MEAN	575.19								
Last year's mean for month	576.46								
Max. mean for month since 1860 Year	580.91 1886	B Call	The state of						
Min. mean for month since 1860 Year	575.56 1964								
Mean for month-last 10 years	577.30								
Mean for month-since 1860	578.31		 -	 			0.10		

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	568.71												
HIGH LEVEL FOR MONTH	572.25	11.00								100000000000000000000000000000000000000	NO.		
Day and Hour	10-0617		15 15 15 15			40	1	A	2,500			1	1 1
LOW LEVEL FOR MONTH	565.63												
Day and Hour	13-0248				1.00					1 1 1 1 1 1 1 1			
HIGHEST DAILY MEAN	570.31												
Day	10	A CONTRACT	4 - 18							100000			
LOWEST DAILY MEAN	566.69												
Day	12					1/25							
Last year's mean for month	569.47									ALCOHOL: N			
Max. mean for month since 1860	572.44												
Year	1863		1			1 1 1 1 1			44 67	N. D. Carlos	MINNE OF	DEPOSIT OF	
Min. mean for month since 1860	568.03												
Year	1935	- 9					12 4 7	100					
Mean for month-last 10 years	569.88			No.									
Mean for month-since 1860	570.31												

LAKE ONTARIO (at Kingston)

—_MEAN FOR MONTH HIGH LEVEL FOR MONTH	242.88									
Day and Hour	10-0940					and the second		and the state of	A CONTRACTOR	
LOW LEVEL FOR MONTH	242.25	1								
Day and Hour	24-1121							1000	No.	
HIGHEST DAILY MEAN	243.35								100	
Day	2		1000				1		100	
LOWEST DAILY MEAN	242.53								No.	
Day	24	Control of the Contro	the state of the state of						970000	
Last year's mean for month	243.92									
Max. mean for month since 1860	246.43								OR SHADOW	
Year	1886							1		
Min. mean for month since 1860	241.73	7 19								
Year	1935									
Mean for month-last 10 years	243.83									
Mean for month since 1860	244.19								Jan Barrier Britan	

MONTREAL HARBOUR (at King Edward Pier)

YearMean for month-last 10 years	30.13					 		
Min. mean for month since 1860	21.25 1932							
Max. mean for month since 1860 Year	40.14 1886							
Last year's mean for month	33.51			 				
LOWEST DAILY MEAN Day	22.55	-						
HIGHEST DAILY MEAN Day	32.53							
LOW LEVEL FOR MONTH Day and Hour	22.20 27-0450						Jen	
— MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour	27.45 32.89 15-1833							

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).